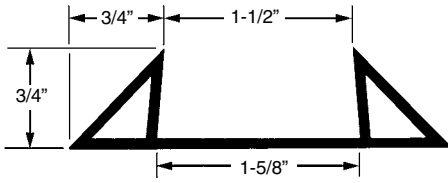


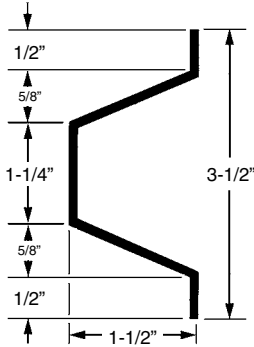
### T-58 Double Chamfer Strip



Dayton Superior T-58 Double Chamfer Strip is an ideal product for use in forming chamfers on both sides of 2x form lumber. It is an .062 thick extruded PVC (Polyvinyl Chloride) Plastic available in 8ft. lengths.

**To Order:**  
Specify: (1) quantity, (2) name.  
**Example:**  
200 (2,000 linear feet), T-58 Double Chamfer Strips.

### T-59 Plastic Keyway

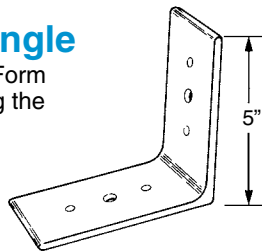


Dayton Superior T-59 Plastic Keyway is an extruded plastic keyway for general use on a tilt-up project. Simple to use, just nail to 2x form lumber. Available in 10 ft. lengths.

**To Order:**  
Specify: (1) quantity, (2) name.  
**Example:**  
50 (500 linear feet), T-59 Plastic Keyway.

### T-60 Tilt-Up Form Angle

Dayton Superior T-60 Tilt-Up Form Angle is used to facilitate forming the tilt-up panel utilizing 2x lumber.



T-60 Tilt-Up Form Angle

**To Order:**  
Specify: (1) quantity, (2) name.  
**Example:**  
200, T-60 Tilt-Up Form Angles

### T-66 Tilt Bracket™

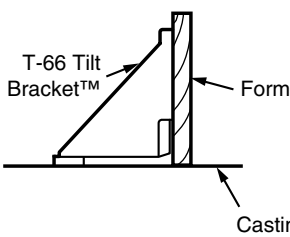
#### Tilt-Up Forming System

The Tilt Bracket™ Forming System consists of lightweight, reusable plastic brackets and an adhesive backed shoe plate. The bracket snaps into the shoe plate that is held firmly to the casting slab by the adhesive base.

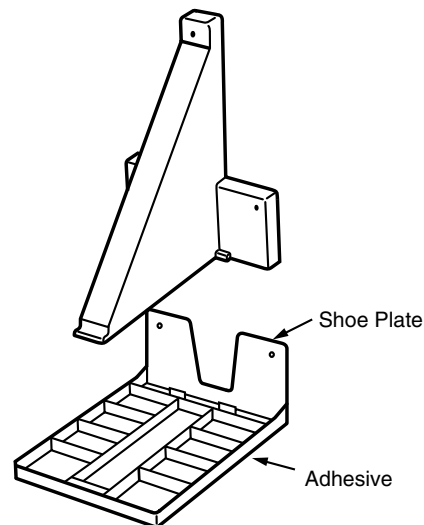
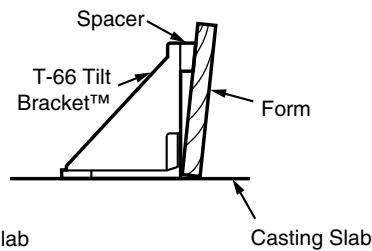
Brackets come in two sizes 5" for form height 5" — 7" and 7" for form height 7" — 11". Maximum recommended spacing is 18".

**To Order:**  
Specify: (1) quantity, (2) name, (3) size.  
**Example:**  
400, T-66 Tilt Brackets™, 7" size.

#### 90° Application



#### Battered Application

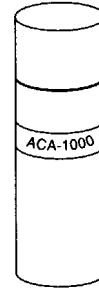


T-66 Tilt Bracket™ Patent Pending

## T-68 ACA-1000 Construction Spray Adhesive

The Dayton Superior T-68 ACA 1000 Construction Spray Adhesive is a fast drying, high strength spray adhesive designed for bonding most construction related materials. T-68 spray adhesive is available in 22 oz. cans (sold by the 12 can case).

T-68 ACA-1000  
Construction  
Spray Adhesive



**To Order:**

Specify: (1) quantity, (2) name

**Example:**

5 cases, T-68 ACA-1000 Construction Spray Adhesive

## T-69 T Strip

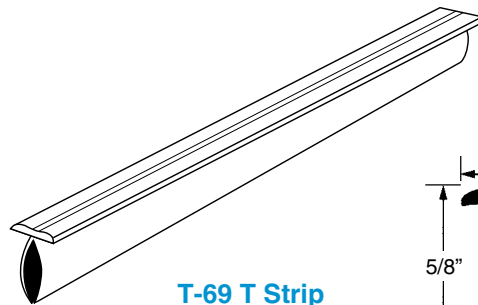
The Dayton Superior T-69 T Strip is a quality strip designed to be inserted into saw cut joints to prevent spalling and to keep the joint free of dirt and debris. T-69 T Strips are fabricated in 8' lengths and packaged 125 pieces per box. T-69 T Strips can be ordered by the box (125 pieces, 1,000 L.F.) or by total linear feet.

**To Order:**

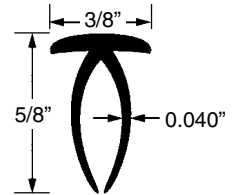
Specify: (1) quantity, (2) name

**Example:**

500 L.F., T-69 T Strip



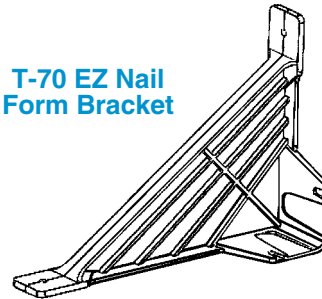
T-69 T Strip



## T-70 EZ Nail Form Bracket

The Dayton Superior T-70 EZ Nail Form Bracket is a reusable, inexpensive composite plastic bracket designed for quick and easy fastening of tilt-up panel forms to the casting slab. This unique dual-bracket design provides nail-down installation for 5" through 10" panel form heights.

T-70 EZ Nail  
Form Bracket



**To Order:**

Specify: (1) quantity, (2) name

**Example:**

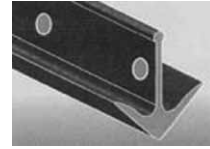
125 T-70 EZ Nail Form Brackets

## Rustications, Chamfers and other products Manufactured by Victory Bear

Rustications, chamfers and other products manufactured by Victory Bear provide innovative solutions to the designer and the contractor. These products provide significant labor savings in the installation of the rustications and chamfers along with eliminating much of the building finish problems which occur with wood products. And now these products can be found at a Dayton Superior distribution center near you.

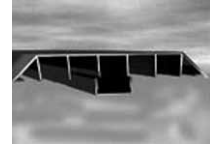
### SLAB SAVER

2' PVC Edge pieces installed in the bottom of wall panels used to protect floors during panel erection, eliminating damage to the floor slab during panel erection.



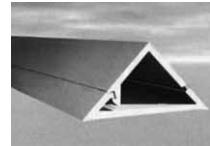
### RUSTICATION

3/4" x 45 degree PVC rustication in widths of 2.25", 2.5", 3.5", 5.5", 8.0" and 11.5". These have the patented Flex Edge Seal, insuring a tight joint with the concrete slab and these utilize the Victory Bear Base Clip for easy installation. 1/2" x 60 degree low profile rustication also available.



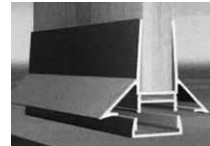
### SNAP RUSTICATION

3/4" Triangular PVC rustication which opens to allow easy installation and then snaps shut to prevent concrete seepage.



### BULKHEAD

3/4" PVC bulkhead chamfer providing chamfer on both sides of the bulkhead. This product is used with both 3/4" plywood and 2x materials. It features both the patented Flex Edge Seal and utilizes the Base Clip to secure the product to the floor slab.



### BULLNOSE

PVC Single Bullnose chamfers provide the radius edges when the designer desires a different effect from the traditional triangular building edges.

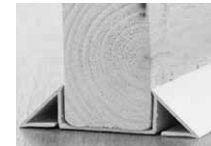


### RADIUS CORNER

6" PVC Radius Corner provides a distinct radius at a fraction of the cost.

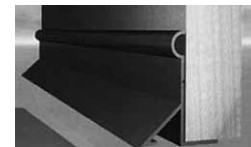
### CHAMFERS

3/4" x 45 degree PVC chamfers in both single and double chamfer versions. This product utilizes the patented Flex Edge Seal and is attached to the floor slab with adhesives or traditional nails or screws.



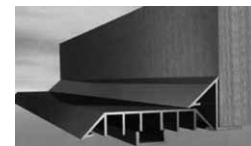
### CHAMFERS – LOW PROFILE

1/2" x 60 degree PVC chamfers in both single and double chamfer versions. This product utilizes the patented Flex Edge Seal and is attached to the floor slab with adhesives or traditional nails or screws.



### DRIP EDGE CHAMFER

3/4" x 45 degree PVC drip edge chamfer for use where doors, windows, dock doors and archways require both a chamfer and drip edge. This product utilizes the patented Flex Edge Seal and is attached to the floor slab with adhesives or traditional nails or screws.

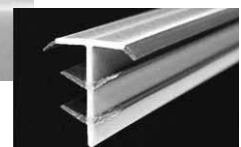
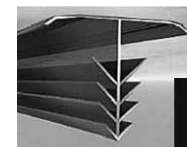


### RECESSED WINDOW SYSTEM

A unique utilization of several of the above products with a recessed window chamfer to add a classic detail for doors and windows in the concrete wall panels.

### JOINT COVER

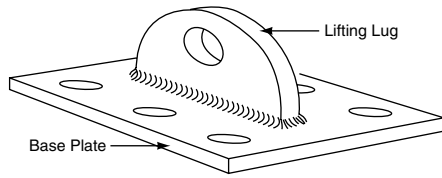
PVC Joint Covers provide the building owner an attractive cover for the joints inside of the building. Joint Covers will fit into panel joints between 1/4" and 1" gaps.



### SAW CUT COVER

PVC Saw Cut Cover temporarily seals the floor slab joints with a unique low profile design.

## T-75 Special Drill-in Lift Plate



**T-75 Special Drill-in Lift Plate**

Dayton Superior T-75 Drill-in Lift Plate is designed and tested for use as an emergency repair lift plate in special situations where a normal cast-in-place tilt-up face pickup insert is missing, tipped over, improperly located or otherwise unusable.

The lift plate is to be installed so that it is centered over the original insert location. When the lift plate cannot be installed at the original insert location, contact Dayton Superior.

When installing the T-75 Drill-in Lift plate, always check to make certain the Lifting Lug is aligned in the direction of the cables. DO NOT apply loads at an angle to the flat side of the lifting lug!

The T-75 Drill-in Lift Plate is to be attached to the face of the precast concrete tilt-up wall panel using either four or six properly installed Dayton Superior T-13 Coil-Anchors, 3/4" diameter x 6" long drill-in expansion anchors. Minimum edge distance from center line of Coil-Anchor bolts is 12". Edge distances of less than 12" may result in a reduced lifting capacity.

To install the T-75 Special Drill-in Lift plate, set the plate in its proper position and mark the hole locations. *Drill the required number of holes using a new 3/4" diameter carbide tipped drill bit. Depth of drilled holes must be at least 5-1/2" with all holes drilled at 90 degrees to the surface of the panel.*

Using compressed air, just before installation of the Coil-Anchor bolts, clean out all of the drilled holes. Failure to properly clean the holes may result in a reduced lift plate load carrying capacity.

Insert the assembled T-13 Coil-Anchor bolts through the holes in the lift plate into properly drilled and cleaned holes. Using a hammer, tap the Coil-Anchor bolts all the way into the holes so that the washer and bolt heads come to rest on the top surface of the lift plate.

Tighten the T-13 Coil-Anchor bolts using a 3/4" air impact wrench. The bolts must be checked with a torque wrench to make certain that they have been torqued to 200 ft. lb. Use the crane to place a light load onto the lift plate. Release the load and check all bolts to make certain they are still tightened to 200 ft. lb. Bolts torqued to a lower value will have a reduced load carrying capacity.

Do not attempt to pre-expand the Coil-Anchor Tang. For proper load carrying capacity, the Tang must not be installed more than 1-1/2 turns onto the bolt. Do not attempt to use a standard coil bolt with the Coil-Anchor Tang, as this combination will not develop any load carrying capacity. The Coil-Anchor bolt is a special tapered bolt and is not interchangeable with standard coil bolts.

The safe working loads (SWL) of these drill-in expansion anchors and lift plate are shown below. The safe working loads are determined by the number of T-13 expansion anchors actually used to attach the lift plate to the tilt-up panel.

Number of T-13 Drill-in Expansion Anchors	Tension or Shear Safe Working Load
4 bolts (2 per each side)	8,500 lbs.
6 bolts (3 per each side)	15,000 lbs.

**Note:** Insert SWL's are based on approximately a 2 to 1 factor of safety. Lift plate develops approximately a 5 to 1 factor of safety based on a maximum SWL of 15,000 lb.

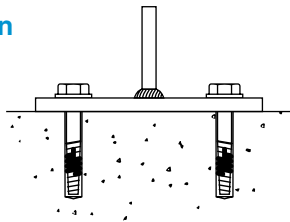
The above SWL's are based on the lifting plate being installed so that the raised lifting lug is aligned with the direction of the lifting cables.

In order to develop the safe working loads of the T-75 Special Drill-in Lift Plate, the normal weight concrete in the panel must have attained a minimum compressive strength of 2,500 psi. These safe working loads assume the T-13 Coil-Anchor expansion anchors have been properly installed.

The base of the lift plate measures 5/8" x 12" x 12" and has six 1" diameter holes drilled at 4" centers vertically and 8" centers horizontally.

Use only the 6" T-13 Coil Anchor with the T-75 Special Drill-In Lift Plate. Do not use the 4-1/2" version.

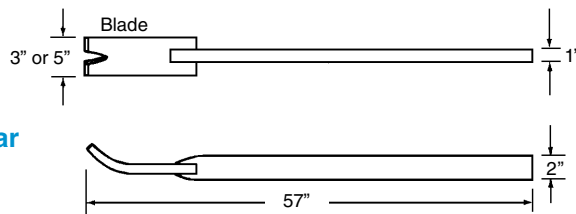
**T-75 Special Drill-in Lift Plate Typical Application**



## A-95 Dayton Bar

The A-95 Dayton Bar is manufactured with a 1" x 2" structural tube handle that has been carefully Mig welded to a heat-treated milled blade. This bar is an ideal tool for use by the tilt-up erector— you will find many uses for it, from adjusting and/or stripping side forms to "jockeying" tilt-up wall panels into position.

Available with either a 3" or 5" wide blade. Please specify blade width when ordering.



**A-95 Dayton Bar**

**To Order:**

Specify: (1) quantity, (2) name, (3) blade width.

Example: 4, A-95 Dayton Bars with 3" blades.

## P-80 Shim Strips

Dayton Superior P-80 Shim Strips assure accurate placing and leveling of tilt-up panels and other architectural and structural components because it:

- is made in convenient thicknesses, lengths and widths allowing precise leveling and alignment.
- permits field changes in load bearing requirements with stock on hand.
- is less expensive and safer than steel. It has extreme stability and eliminates rust, stained concrete and spalling.
- is size scored for convenience of application. Prevents waste — material can be readily picked up and stored in the open for future use.
- will not fracture under load.
- Thicknesses of 1/16", 1/8" and 1/4" in lengths of 3" and 4" are available from stock. The widths of 3" x 24" are scored every 3" and the widths of 4" x 24" are scored every 2". This allows for easy snap off as needed. Additional sizes available on request.
- is impervious to liquids and ground chemicals, alkalis and microorganisms. The continuing performance characteristics are stable and predictable.
- will not rust, rot or leach when exposed to wet surfaces and it has no odor.

- arrives at the job site in precise thicknesses and lengths.
- eliminates the need for saws, hand tools or cutters. A definite saving in time, labor and money is realized. The strips are easily applied and lay flat.
- Point projection of aggregate is absorbed without fracture or effect on the load-bearing characteristics decreasing damage potential to the adjacent concrete components.

Engineering Data: The pertinent physical properties of Dayton Superior plastic shims are presented as follows:

- Compressive strength of 8,000 to 9,000 psi with no fracture even at 26,000 psi.
- Classed as slow burning with no toxic fumes.
- Negligible cold flow characteristics; i.e., less than 1% at 1,000 psi and 73° F. for 10,000 hrs.
- Coefficient of linear expansion is 3 to 5 x 10<sup>-5</sup> inches/inch/°C

### To Order:

Specify: (1) quantity, (2) thickness, (3) length (4) name.

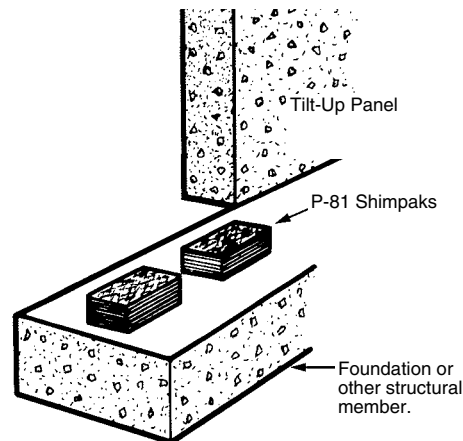
Example: 300, 1/4" x 4" P-80 Shim Strips.

## P-81 Shimpak

Dayton Superior shimming material is an engineered multipolymer plastic specifically formulated for use by the construction industry.

It is an engineered multipolymer plastic material which provides an optimum combination of physical properties for a shim in applications where high compressive strength and load bearing is important. It facilitates the placement of tilt-up structural and other architectural members.

- These pre-assembled packages of heavy duty shims are designed for large load bearing of precast units.
- Shimpaks are very advantageous in precise placing and leveling of large panels.
- Their use eliminates time consuming correction of elastomeric drift and makes alignment safer and easier.
- Popular sizes are 4" x 6" and 4" x 4" paks which are 1-1/16" thick. Shimpaks are made up of shims in the following thickness sequence; one 1/16th, three 1/4ths and two 1/8ths. Tilt-up panels can be levelled within 1/16" by removing or adding one or more elements.
- Shimpaks are held together with a resilient band for easy removal or addition of elements.
- Alternate sizes available on request.



### To Order:

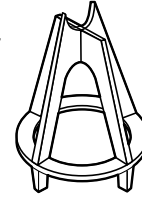
Specify: (1) quantity, (2) size, (3) name.

Example: 200 packs, 4" x 6" P-81 Shimpaks.

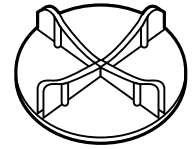
## E-Z Chair™

E-Z Chairs are designed for superior strength and stability. They are well suited for tilt-up, precast and poured in place slab applications. E-Z Chairs are available in 3/4" to 6" cover heights for rebar sizes up to #11. E-Z chairs are sold in full cartons only.

An optional Sand Plate is available for use on grade or in Sandwich Panels.



PEZ E-Z Chair



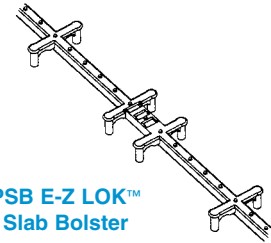
PSP Sand Plate

**To Order:**

Specify: (1) quantity, (2) name, (3) cover height  
Example: 4 boxes (700), 121271, E-Z Chairs, 4" cover

## E-Z LOK™ Slab Bolster

E-Z LOK™ Slab Bolster provides a strong, stable support and spacer for rebar in slab or wall applications. The E-Z LOK™ Slab Bolster can be used in individual 32" sections or the sections can be snapped together to satisfy any job-required length. E-Z LOK™ Slab Bolster is available in 3/4" to 3" cover heights and is sold in full cartons only.



PSB E-Z LOK™ Slab Bolster

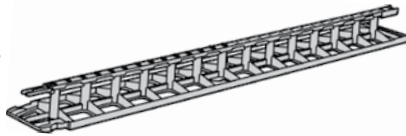
**To Order:**

Specify: (1) quantity, (2) name, (3) cover height  
Example: 2 boxes (300), 78066, E-Z LOK™ Slab Bolster, 2" cover

## Aztec Strongback SBU (Slab Bolster Upper)

### PSBU PATENT PENDING

The Aztec Strongback SBU supports top layer in Double Mat application, Rebar or Wire Mesh, Slabs, Heavy Duty On-Grade, Corrugated Decking, Side-Form Spacer-below-grade applications only, Precast



**Cover Height:** From 1" to 3-1/4" (1/4" increments)

- Features:
- Designed for use with Epoxy-Coated/FRP/Stainless Steel/Galvanized rebar
  - Intended for use in corrosive environments
  - Spans corrugations in elevated deck applications
  - Suitable for use on Vapor Barriers or Insulating Foam
  - No overlap required
  - Manufactured in 30" lengths in standard boxes
  - Special packaging available in 5' or 10' sections, bundled and palletized
  - Strong as metal SBU

ORDER CODE	COVER	FT. BOX	QTY/PER BOX	WT.LBS. PER BOX
220165	1"	100	40	40
220335	1-1/4"	100	40	40
220166	1-1/2"	75	30	30
220312	1-3/4"	75	30	30
220167	2"	75	30	30
220313	2-1/4"	75	30	30
220297	2-1/2"	50	20	20
220314	2-3/4"	50	20	20
220296	3"	50	20	20
220315	3-1/4"	50	20	20
220384	3-1/2"	50	20	20
220461	3-3/4"	50	20	20
220382	4"	50	20	20
220462	4-1/4"	50	20	20
220385	4-1/2"	50	20	20
220463	4-3/4"	50	20	20
220386	5"	50	20	20

## Aztec Straddle Chair - PSC

Application: Single Mat -Rebar or Wire Mesh, Bottom Layer Double Mat-Rebar or Wire Mesh, Tilt Wall, Side-Form Spacer, On-Grade: when used with Sand Plate  
**Cover Height:** From 3" to 7-3/4"

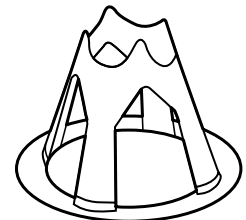


- Features
- Fits rebar #3 to #11
  - Minimal footprint with staple down feature
  - With 2 sizes per chair
  - Straddles lower rebar mat
  - Same material characteristics as Aztec tower chair

ORDER CODE	COVER	QTY/BOX	WT.LBS. PER BOX
126299	3" - 3-3/4"	250	27
126300	3-1/2" - 3-3/4"	200	26
126301	4" - 4-1/4"	200	32
126302	4-1/2" - 4-3/4"	200	34
126303	5" - 5-1/4"	150	29
126304	5-1/2" - 5-3/4"	150	30
126305	6" - 6-1/4"	150	32
126306	6-1/2" - 6-3/4"	150	34
126307	7" - 7-1/4"	125	36
126308	7-1/2" - 7-3/4"	125	38

## Castle Chair™

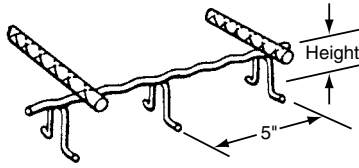
Castle Chairs are uniquely designed with a wide base ring to provide stability on poorly compacted or expansive soils. Each Castle Chair offers two cover heights to allow for variation in grading. Castle Chairs are strong enough to carry the weight of ironworkers and concrete finishers, but will not damage moisture protection membranes. Castle chairs are available in 1-1/2" to 4-1/4" cover heights and are sold in full cartons only.



**To Order:**

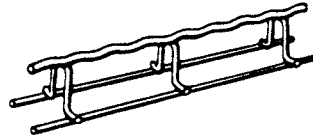
Specify: (1) quantity, (2) name, (3) cover height  
Example: 2 boxes (700), 122837, Castle Chairs, 2-1/2" to 2-3/4" cover

## Metal Supports for Rebars and Wire Mesh



SB-Slab Bolster

Available in heights of 3/4" to 3" in increments of 1/4" in 5 ft. lengths

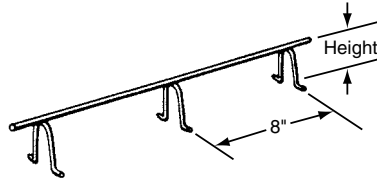


SBU-Slab Bolster Upper



BC-Bar Chair

Available in heights of 3/4" 1" and 1-1/2"



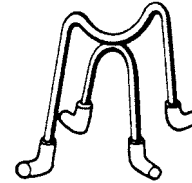
CHC-Continuous High Chair

Available in heights of 2" to 20" in increments of 1/4" in 5' lengths



PC-Precast Chair.

Made from type 430 Stainless Steel.



HC-Individual High Chair  
(Plastic Tipped Legs Available)

Available in heights of 2" to 40" in increments of 1/4"

## Wire & Related Accessories

### Tie Wire - WTW

**BLACK ANNEALED**

Application: Wire

Features:

- Individual coils are shrink wrapped to prevent rusting
- Packaged 20 coils per box with 48 boxes per pallet
- Properly spooled for tangle-free dispensing
- Annealed for ease of tying
- Fits all standard tie wire reels

Order Code	Gauge	Description	Wt. Lbs. Per Box
220374	16.5	BLACK ANNEALED	70
220373	16	BLACK ANNEALED	70
220372	15	BLACK ANNEALED	70
220275	16	EPOXY COATED	70

Call for discount on quantity purchases



### Loop End Wire Ties - WBT

Application: Wire

Features:

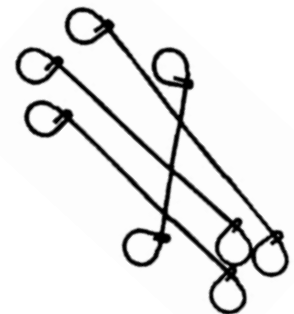
- Convenient loop-ends allow for ease of installation
- Used in tying rebar, as bag closures, carpet rolls, etc.
- Other wire gauges and lengths available on an individual inquiry basis
- Epoxy-coated and galvanized wire is available on an individual inquiry basis

Product Applications:

Slab, Side Form Spacer, Tilt-up, Foundations, Precast, D.O.T., and Industry

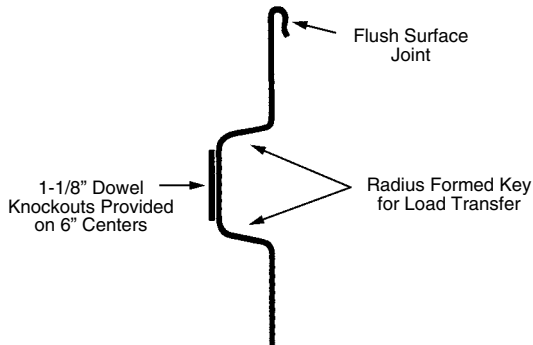
Note: Best used in conjunction with wire tying tools

ORDER CODE	LENGTH	QTY/ BAG	WT.LBS. PER BAG
220227	4"	5000	31
220230	5"	5000	35
220233	6"	5000	39
220236	7"	5000	44
220239	8"	5000	33
220242	10"	2500	30
220245	12"	2500	32
220248	14"	2500	35
220249	16"	2500	39
220250	18"	2500	44
220251	20"	2500	48
220252	21"	2500	50
220253	24"	2500	56



## G-33 Screed Key Joint

G-33 Screed Key Joint is available in heights of 3-1/2", 4-1/2" and 5-1/2" for use in 4", 5" and 6" concrete slabs on grade. Screed key gives you a smooth, flush surface joint which requires no filling.



The use of screed key joints minimizes random cracking and provides proper load transfer from slab to slab.

The use of screed key is more economical than simple bulk-headed forms which must be prepared, installed, stripped, cleaned, repaired or replaced and stored. By using screed key, instead of bulk-headed joints, you are able to pour entire slabs or strips at one time. Costly and time-consuming checker boarding is eliminated. you simply install screed key, pour the concrete — finish flush to joint and you are finished.

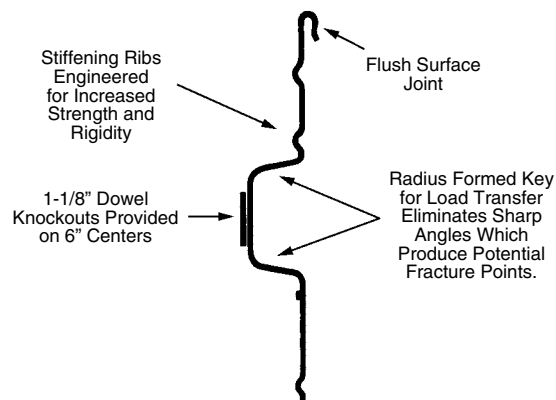
By using screed key you will have a floor that is ready for covering without any expensive joint filling or treatment. you eliminate any uneven settling and the resulting cost of joint repair and patching. Dayton Superior Screed Key joint saves you money in initial cost, maintenance and upkeep.

## G-34 Load Key Joint

G-34 Load key Joint is available in heights of 7-1/2" or 9-1/2". It is furnished in 10 foot lengths for use in 8" or 10" slabs and thickened joints. The use of load key allows you to have a floor that is ready to use "as is" or to cover without the expense of costly joint filling.

The use of load key assures you of a strong high quality floor in you new building at a low initial price. It minimizes for years the maintenance cost of joint patching and repair.

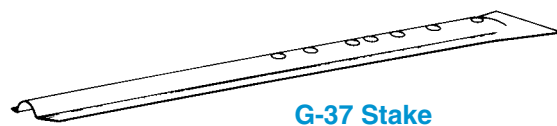
Thickened joint slab specifications can be met economically with pre-engineered load transfer by using the easily installed and left in place load key joint.



## G-37 Stake

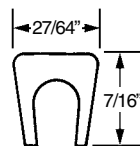
16 Gauge x 1" wide stake.

Available in 12", 15", 18" or 24" lengths.

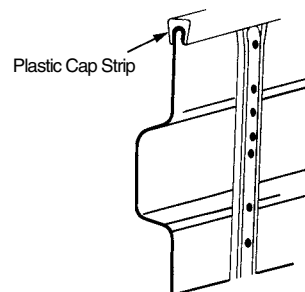


## G-38 Plastic Cap Strip

Where joint sealants are specified, plastic cap strip should be used. It is easily removed after the concrete hardens, leaving a wedge shaped joint for easy and economical sealant application.



G-38 Plastic Cap Strip



## Material

Screed Key Joint and Load Key Joint are manufactured from .022" to .025" thick corrosive resistant galvanized steel with 1-1/8" diameter dowel knockouts 6" on center. They are both available in stock lengths of 10 foot. Supporting steel stakes 16 gauge x 1" wide are available in 12", 15", 18" or 24" lengths as required.

**Note:** Screed Key joint or load key joint is not recommended for use in warehouse floor slabs which are subjected to high volume traffic consisting of fork trucks, heavily loaded hand pallet trucks or heavily loaded steel wheel carts.



## Bond Breakers

A bond breaker is a ‘material used to prevent adhesion of the newly placed concrete and the substrate’\*. When a bond breaker is needed at a construction joint, a curing compound, form release agent and the like can act as a bond breaker. Bond breakers used in tilt-wall construction, however, are specifically formulated for that purpose and the chemistry involved with these bond breakers is different than that of other “bondbreakers”.

- ACI116 Cement and Concrete terminology

## Dayton Superior Bond Breaker

Sure-Lift (J-6)	-- solvent-based
Sure-Lift J-6 WB	-- water-based
Cure-Lift EF	-- bio-based

## Curing

**Proper, and immediate, curing is vital to the success of a tilt-wall project**

1. Timing is more critical on the cure coat than the bond breaker coat
2. Proper curing will help create a less porous , more dense surface
3. The more dense the surface the easier the panels will lift
4. For projects requiring an ASTM C-309 cure, use the Dayton System:

Prior to placement of the **J-6**, cure the slab with one of the following:

1. J-22 @ 300-350 Ft<sup>2</sup>/gal
2. J-23 @ 300-400 Ft<sup>2</sup>/gal

Prior to placement of the **J-6 WB**, cure the slab with one of the following:

1. J-18 @ 200-300 Ft<sup>2</sup>/gal
2. J-22 @ 300-350 Ft<sup>2</sup>/gal
3. J-23 @ 300-400 Ft<sup>2</sup>/gal
4. J-II-W @ 200 Ft<sup>2</sup>/gal

## Preparation for applying the Bond Breaker

- All surfaces must be clean
- For hot weather precautions, prior to the first bond breaker application, soak the slab to satisfy it’s ‘thirst’ and reduce it’s porosity; After soaking, squeegee off the excess water then immediately apply the bond breaker. Using this procedure will help to keep the bond breaker on the surface, not in the concrete.

## Placement of the Bond Breaker

- Always read and follow the instructions in the current data sheet
- Apply the bond breaker evenly, being sure not to leave puddles
- It is best to have several lighter applications than one heavy application

## “Good Indications”

Three quick checks that indicate good parting of the panels:

1. feel a soapy residue on the surface
2. beading of water
3. observing a uniform appearance of the bond breaker

## Solvent-Based vs. Water-Based

Water has very high surface tension while solvents are low. Surface tension is directly related to wetting and adhesion. Liquids with a high surface tension, like water, are not necessarily as efficient in this respect as the lower surface tension materials like solvents. This is the reason why water-based materials do not lay down as easily as solvent-based materials and why water based are easier to over apply.

Dayton Superior Bond Breaker Comparisons		
Condition	J-6	J-6 WB
Shelf Life	12 months	9 months
Mixing	Not req'd, but good to do occasionally	Agitation required prior to each use
Flammability	High	No
Warehouse storage per Uniform fire Code	Limited Quantities	Unlimited Quantities
Freezable	No	Yes

## Sure-Lift™ (J-6) Premium Cure Bondbreaker

### PRODUCT DESCRIPTION

SURE LIFT (J-6) is a reactive and membrane forming bondbreaker for use in tilt wall construction. (J-6) is a special formula of polymers and propriety ingredients designed to provide clean, easy lifting of tilt panels. (J-6) has a fugitive dye for ease of visual inspection during application and is also available without the dye upon special request.

### USE

(J-6) is designed to allow for easy lifting of tilt wall panels from properly designed, finished and cured concrete casting beds.

### BENEFITS

- Chemically reactive
- Good resistance to rain and weather
- Panels lift cleanly
- Minimal panel residue
- Resists construction foot traffic

### NOTE:

Prior to application, read, and follow all current (verify literature is current) literature instructions, limitations, and precautions in this data sheet, on the MSDS, and on the label of the container prior to use.

The instructions provided by this technical data sheet apply to general average site conditions such as concrete mix designs, finishing techniques, and site ambient conditions.

Test applications should always be made by the end user/purchaser prior to overall use of the bondbreaker.

This is at a minimum necessary to verify that the amounts of bondbreaker purchased and anticipated to be applied is sufficient to result in the correct application coverage rates and end performance of the product based upon the specific site conditions.

The concrete casting slab, waste slabs and tilt wall panels must be properly designed, finished and cured in accordance with industry standards and guidelines including those of ACI and TCA.

### APPLICATION

#### Cure Coat

Concrete casting slabs must be smooth, dense, sound, of adequate thickness, and well cured. Improper or inadequate curing or finishing will increase slab permeability and decrease bondbreaker effectiveness.

(J-6) can be used as an effective curing aid under limited environmental conditions. However, it is recommended per ACI & ASTM to cure the concrete in accordance with ASTM C-309. The use of the J-20 or J-22 Cure & Seals or other approved Dayton Superior solvent-based curing compounds meeting ASTM C-309 is recommended.

Curing membranes must be allowed to fully dry prior to application of the bond breaker coats. Contact Dayton Superior Technical Services for additional information and recommendations.

Always apply the cure coat IMMEDIATELY after completion of toveling and final finishing and after the surface water has disappeared. In extremely hot windy or dry weather lightly fog the slab with clean water prior to cure coat.

If and when (J-6) is used as the cure coat, apply uniformly @ 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L). Over application of the (J-6) cure coat may result in delays due to longer drying time for the cure coat, panel discoloration and/or excessive bond breaker transfer to the panel surface. Under application of the (J-6) cure coat can result in crazing or cracking of

the casting slab surface as well as a weakened and overly porous slab surface.

### SPRAY EQUIPMENT

The (J-6) Bondbreaker must be applied by a high quality "low-pressure pump-up type sprayer" such as manufactured by Hudson, Chapin or others. The tip size must be able to produce a well atomized spray pattern. The sprayer must be kept under sufficient pressure to correctly atomize the (J-6) without streaming, tailing, or spitting. A 1/2 (0.5) gal. /minute tip is generally recommended for most applications. The use of an improper sprayer, a dirty sprayer, lower than adequate pressures or wrong tip can result in an uneven application, and either over or under application.

#### First Bondbreaker Coat

The casting bed should be free of all foreign material, salts, laitance and the (J-6) protected, while drying, from all contaminants or particulate matter (i.e., dust, dirt, etc.). Just prior to placing the reinforcing steel, and within two weeks of pouring the panels, spray apply the first bondbreaker application of (J-6) at 400 ft<sup>2</sup>/gal. (9.8m<sup>2</sup>/L) to the point of rejection. Spray at right angles to curing compound spray pattern. Specific site conditions may dictate coverage rates other than the normal recommended coverage rates. Adjust the actual applied rates accordingly.

#### Second Bondbreaker Coat

Wait until first coat dries, approximately 2 hours depending on temperature and humidity, and apply a second coat at right angles to the previous coat. Coverage for the second coat will typically be 550 to 700 ft<sup>2</sup>/gal. (13.5-17.2 m<sup>2</sup>/L).

If light or white spots appear within 10-40 minutes after spraying, those areas are extra porous and should be fogged with water followed by a reapplication of the (J-6) at 550 to 700 ft<sup>2</sup>/gal. (13.5-17.2 m<sup>2</sup>/L). Specific site conditions may dictate coverage rates other than the normal recommended coverage rates. Adjust the actual applied rates accordingly.

The number of bondbreaker coats and coverage rates necessary to achieve a complete uniform coverage is highly dependant on the concrete casting slab mix design as well as its inherent porosity, finishing techniques, and other related site specific ambient conditions. Adequate bondbreaker application is in large part dependant upon development of a uniform soap like feel of the bondbreaker treated surface as well as beading of water. Bondbreaker can also be checked by rolling up a small ball like amount under thumb pressure.

Extremely porous or rough casting slabs will necessitate successive additional coats of bondbreaker to achieve a consistent uniform membrane of the correct coverage rate and membrane thickness. Extremely porous or otherwise absorptive slabs can also be fogged with water to a saturated surface dry (SSD) condition prior to application of bondbreaker.

### BONDBREAKER TEST

To verify the integrity of the bondbreaker coat, sprinkle water on the casting bed. (Water should bead up as on a freshly waxed automobile). The applied, dried material should have a soap like feel, uniformly over the substrate. The application should appear uniform and continuous, with light areas requiring re-application. Failure to verify proper uniform application and coverage rates can result in panel sticking. Testing must be performed over a large enough surface area in an adequate testing frequency to provide accurate and meaningful results.

## Sure-Lift™ (J-6) Premium Cure Bondbreaker - *continued*

It is entirely the contractor's responsibility to verify that the bondbreaker has been evenly and uniformly applied at the recommended application/coverage rates given the various concrete mix design, densities, finishes, and porosity conditions on each project

### HOT WEATHER PROCEDURES

In hot weather, the casting slab must be flooded with water to reduce its porosity and cool it down prior to the first bond breaker application of (J-6). Thoroughly saturate the slab with water, and then squeegee off the excess, removing all the free standing water from the surface, then immediately proceed with applying the first application of the (J-6). Delaying the application of the bondbreaker after wetting of the slab will result in over penetration and lessen bondbreaker effectiveness and panel sticking may result. Prior to concrete placement wet down the casting slab with cool water; excessive water should be blown out immediately prior to the concrete placement. Take care when placing concrete to avoid abrading or scouring the bond breaker on the casting bed as braded or scoured spots or areas may result in stuck panels. Discharge the concrete into previously placed fresh concrete.

### DRY TIME

Approximately 2 hours at 70°F (21°C). Cooler temperatures higher humidity and thicker bondbreaker coats will extend the dry time.

### CLEAN UP

For Tools & Equipment Use Mineral Spirits, Naphtha or Xylol

### WASTE DISPOSAL

Dispose of waste material and empty packaging in accordance with all Federal, State and Local requirements. Refer to product's MSDS for further information.

### ESTIMATED COVERAGE

- Cure Coat: 200 ft<sup>2</sup>/gal (4.9m<sup>2</sup>/l)
- Bondbreaker Coats:
  - First Coat: 400 ft<sup>2</sup>/gal. (9.8 m<sup>2</sup>/L)
  - Second Coat: 550-700 ft<sup>2</sup>/gal (13.5-17.2 m<sup>2</sup>/l)

The above recommended coverage rates are averages based on average site and concrete conditions. Complete and uniform coverage of the casting slab varies considerably with variations in the placing, curing, concrete mix design, density, finishing, and site specific ambient conditions. It is not possible for the recommendations provided by this data sheet to accommodate and account for all variables associated with the coverage rate and application of the bondbreaker. It is the contractor's responsibility to verify that the applied coverage rates and overall application of the bondbreaker is commensurate with the specific site variables and conditions.

### PACKAGING

Item #	Package	Size	
		Gals	Liter
69233	Pails	5	18.9
69231	Drums	55	208

### STORAGE

The (J-6) should be stored in a tightly secured original factory container. Store in the horizontal position to prevent moisture accumulation on the drum head. Keep from freezing.

### LIMITATIONS

Avoid contamination by storing containers in clean, dry area and keeping lids tightly sealed. The shelf life of (J-6) is 12 months when properly stored. Do not spray on reinforcing steel.

Not recommended when concrete mix designs using fly ash or other pozzolonic materials without first contacting the Technical Services Dept. for specific recommendations. Fly ash can result in slower concrete strength development. Failure to observe specific application rates and procedures may lead to sticking panels.

Not recommended for application to broom finished or otherwise rough, porous or weak unsound concrete.

Do not apply in rain or if rain is forecast within 12 hours of the application. Casting slab surfaces exposed to rain may require reapplication of the bondbreaker at a coverage rate at 550-700 ft<sup>2</sup>/gal (13.5-17.2 m<sup>2</sup>/l). Do not apply below 40°F (4°C) or when ambient temperatures are expected to fall below 40°F (4°C) within 12 hours.

Not recommended for application to casting slab concrete that has been cured with curing blankets or plastic coverings without first removing the salts from the concrete's surface before application of the bondbreaker. Surface salts can result in surface defects.

Application of the bondbreaker as a cure coat during cool weather or when a moisture barrier has been used will result in longer than normal drying times. Application in two thin coats rather than one thick coat will reduce the dry time.

Properly applied, casting beds and tilt panels can normally be coated or sealed after appropriate cleaning and or surface preparation of the surfaces. The manufacture of the coating, paint, sealer, adhesive or other subsequent treatments should be consulted for specific substrate cleaning and preparation requirements and instructions prior to painting.

The Tilt-Up Concrete Association (TCA) Tilt Tips "Painting Tilt-Up Panels" document should be understood and followed if painting of the tilt panels is anticipated. Over application can lead to excessive transfer to the panels and potentially cause problems with subsequent paint adhesion. A mock up test panel of any subsequent application of paint/coatings or other membrane forming treatments should always be applied and tested to verify proper coating adhesion and adequate cleaning and surface preparation of the tilt panels.

Improper concrete mix designs, overly porous or weak casting slab concrete, failure to properly finish and/or cure the concrete and/or uneven or improper application and insufficient mixing of the bondbreaker can lead to panel sticking.

## Sure-Lift™ (J-6 WB) Water-Based Bondbreaker

### PRODUCT DESCRIPTION

SURE-LIFT J-6 WB is a liquid, V.O.C. compliant, water-based, reactive and membrane forming bondbreaker for use in tilt wall construction. J-6 WB is a special formula of polymers and propriety ingredients designed to provide clean, easy lifting of tilt panels. J-6 WB has a fugitive dye for ease of visual inspection during application and is also available without the dye upon special request.

### USE

J-6 WB is designed to allow for easy lifting of tilt wall panels from properly designed, finished and cured concrete casting beds.

### BENEFITS

- Water Based
- Very low V.O.C.
- Panels lift cleanly
- Minimal panel residue
- Resists construction foot traffic
- VOC

Less than 100 grams per liter. Complies with Federal & OTC Standards for Bond Breakers.

### NOTE:

Prior to application, read, and follow all current (verify literature is current) literature instructions, limitations, and precautions in this data sheet, on the MSDS, and on the label of the container prior to use.

The instructions provided by this technical data sheet apply to general average site conditions such as concrete mix designs, finishing techniques, and site ambient conditions. Test applications should always be made by the end user/purchaser prior to overall use of the bondbreaker.

This is at a minimum necessary to verify that the amounts of bondbreaker purchased and anticipated to be applied is sufficient to result in the correct application coverage rates and end performance of the product based upon the specific site conditions.

The concrete casting slab, waste slabs and tilt wall panels must be properly designed, finished and cured in accordance with industry standards and guidelines including those of ACI and TCA.

### APPLICATION

#### Mixing

Thoroughly agitate the J-6 WB prior to each use. Each bondbreaker drum will be supplied with an integral drum mixer. Use only the built in drum mixer to achieve proper mixing. Proper mixing of the bondbreaker prior to use is extremely important. The bondbreaker drum must be in a vertical position to effect proper mixing. Vigorously mix each drum continuously for a minimum of 3 minutes. Re-mix if left to set overnight. Failure to properly mix and keep the bondbreaker mixed over time will result in sticking panels

The casting bed should be free of all foreign material, salts, laitance and the J-6 WB protected, while drying, from all contaminants or particulate matter (i.e., dust, dirt, etc.).

#### Cure Coat

Concrete casting slabs must be smooth, dense, sound, of adequate thickness, and well cured. Improper or inadequate curing or finishing will increase slab permeability and decrease bondbreaker effectiveness. J-6 WB can be used as an effective curing aid under limited environmental conditions. However, it is recommended per ACI & ASTM to cure the concrete in accordance with ASTM C-309. The use of Safe Cure & Seal (J-18), Day-Chem Rez Cure (J-11W) or other approved Dayton Superior curing

compound meeting ASTM C-309 is recommended.

Curing compounds must be allowed to fully dry prior to the application of the bond breaker coat. Contact Dayton Superior Technical Services for additional information and recommendations.

Always apply the cure coat IMMEDIATELY after completion of troweling and final finishing and after the surface water has disappeared. In extremely hot windy or dry weather lightly fog the slab with clean water prior to cure coat.

If and when J-6 WB is used as the cure coat, apply uniformly @ 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L). Over application of the J-6 WB cure coat may result in delays due to longer drying time for the cure coat, panel discoloration and/or excessive bond breaker transfer to the panel surface. Under application of the J-6 WB cure coat can result in crazing or cracking of the casting slab surface as well as a weakened and overly porous slab surface.

### SPRAY EQUIPMENT

The J-6 WB Bondbreaker must be applied by a high quality “low-pressure pump-up type sprayer” such as manufactured by Hudson, Chapin or others. The tip size must be able to produce a well atomized spray pattern. The sprayer must be kept under sufficient pressure to correctly atomize the J-6 WB without streaming, tailing, or spitting. A 1/2 (0.5) gal. /minute tip is generally recommended for most applications. The use of an improper sprayer, dirty sprayer, lower than adequate pressures or wrong tip can result in an uneven application, and either over or under application.

#### First Bondbreaker Coat:

Just prior to placing the reinforcing steel, and within two weeks of pouring the panels, spray apply the first bondbreaker application of J-6 WB at 400 ft<sup>2</sup>/gal. (9.8m<sup>2</sup>/L) to the point of rejection. Spray at right angles to curing compound spray pattern. Specific site conditions may dictate coverage rates other than the normal recommended coverage rates. Adjust the actual applied rates accordingly.

#### Second Bondbreaker Coat

Wait until first coat dries, approximately 2 hours depending on temperature & humidity, and apply a second coat at right angles to the previous coat. Coverage for the second coat will typically be 550 to 700 ft<sup>2</sup>/gal. (13.5-17.2 m<sup>2</sup>/L). If light or white spots appear within 10-40 minutes after spraying, those areas are extra porous and should be fogged with water followed by a reapplication of the J-6 WB at 550 to 700 ft<sup>2</sup>/gal. (13.5-17.2 m<sup>2</sup>/L). Specific site conditions may dictate coverage rates other than the normal recommended coverage rates. Adjust the actual applied rates accordingly.

The number of bondbreaker coats and coverage rates necessary to achieve a complete uniform coverage is highly dependent on the concrete casting slab mix design as well as its inherent porosity, finishing techniques, and other related site specific ambient conditions. Adequate bondbreaker application is in large part dependant upon development of a uniform soap like feel of the bondbreaker treated surface as well as beading of water. Bondbreaker can also be checked by rolling up a small ball like amount under thumb pressure. Extremely porous or rough casting slabs will necessitate successive additional coats of bondbreaker to achieve a consistent uniform membrane of the correct coverage rate and membrane thickness. Extremely porous or otherwise absorptive slabs can also be fogged with water to a saturated surface dry (SSD) condition prior to application of bondbreaker.

### BONDBREAKER TEST

To verify the integrity of the bondbreaker coat, sprinkle water on the casting bed. (Water should bead up as on a freshly waxed automobile). The applied dried material should have a soap like feel uniformly over the substrate.

The application should appear uniform and continuous, with light areas requiring re-application. Failure to verify proper uniform application and coverage rates can result in panel sticking. Testing must be performed over a large enough surface area in an adequate testing frequency to provide accurate and meaningful results.

It is entirely the contractor's responsibility to verify that the bondbreaker has been evenly and uniformly applied at the recommended application/coverage rates given the various concrete mix design, densities, finishes, and porosity conditions on each project

### HOT WEATHER PROCEDURES

In hot weather, the casting slab must be flooded with water to reduce its porosity and cool it down prior to the first bond breaker application of J-6 WB. Thoroughly saturate the slab with water, and then squeegee off the excess, removing all the free standing water from the surface, then immediately proceed with applying the first application of the J-6 WB. Delaying the application of the bondbreaker after wetting of the slab will result in over penetration a lessen bondbreaker effectiveness, and panel sticking may result. Prior to concrete placement wet down the casting slab with cool water; excessive water should be blown out immediately prior to the concrete placement. Take care when placing concrete to avoid abrading or scouring the bond breaker on the casting bed as braded or scoured spots or areas may result in stuck panels. Discharge the concrete into previously placed fresh concrete.

### DRY TIME

Approximately 2 hours at 70°F (21°C). Cooler temperatures higher humidity and thicker bondbreaker coats will extend the dry time.

### CLEAN UP

For Tools & Equipment Use warm, soapy water. After the product dries, solvents such as xylene or mineral spirits may be necessary to remove the product.

### WASTE DISPOSAL

Dispose of waste material and empty packaging in accordance with all Federal, State and Local requirements. Refer to product's MSDS for further information.

### ESTIMATED COVERAGE

Cure Coat: 200 ft<sup>2</sup>/gal (4.9m<sup>2</sup>/l)

Bondbreaker Coats:

First Coat: 400 ft<sup>2</sup>/gal. (9.8 m<sup>2</sup>/L)

Second Coat: 550-700 ft<sup>2</sup>/gal (13.5-17.2 m<sup>2</sup>/l)

The above recommended coverage rates are averages based on average site and concrete conditions.

Complete and uniform coverage of the casting slab varies considerably with variations in the placing, curing, concrete mix design, density, finishing, and site specific ambient conditions. It is not possible for the recommendations provided by this data sheet to accommodate and account for all variables associated with the coverage rate and application of the bondbreaker. It is the contractor's responsibility to verify that the applied coverage rates and overall application of the bondbreaker is commensurate with the specific site variables and conditions.

### PACKAGING

Item #	Package	Size	
		Gals	Liter
307914	Pails	5	18.9
307915	Drums	55	208

### STORAGE

The J-6 WB should be stored in a tightly secured original factory container. Store in the horizontal position to prevent moisture accumulation on the drum head. Keep from freezing.

### LIMITATIONS

Avoid using bondbreaker that may have frozen. Avoid contamination by storing containers in clean, dry area and keeping lids tightly sealed. The shelf life of J-6 WB is 9 months when properly stored. Do not spray on reinforcing steel.

Never apply bondbreaker unless it has been thoroughly and properly mixed before use.

Not recommended when concrete mix designs using fly ash or other pozzolonic materials without first contacting the Technical Services Dept. for specific recommendations. Fly ash can result in slower concrete strength development. Failure to observe specific application rates and procedures may lead to sticking panels.

Bondbreaker should be re-mixed at the start of each day. Not recommended for application to broom finished or otherwise rough, porous or weak unsound concrete.

Do not apply in rain or if rain is forecast within 12 hours of the application. Casting slab surfaces exposed to rain may require reapplication of the bondbreaker at a coverage rate at 550-700 ft<sup>2</sup>/gal (13.5-17.2 m<sup>2</sup>/l). Do not apply below 40°F (4°C) or when ambient temperatures are expected to fall below 40°F (4°C) within 12 hours.

Not recommended for application to casting slab concrete that has been cured with curing blankets or plastic coverings without first removing the salts from the concrete's surface before application of the bondbreaker. Surface salts can result in surface defects.

Application of the bondbreaker as a cure coat during cool weather or when a moisture barrier has been used will result in longer than normal drying times. Application in two thin coats rather than one thick coat will reduce the dry time.

Properly applied, casting beds and tilt panels can normally be coated or sealed after appropriate cleaning and or surface preparation of the surfaces. The manufacture of the coating, paint, sealer, adhesive or other subsequent treatments should be consulted for specific substrate cleaning and preparation requirements and instructions prior to painting.

The Tilt-Up Concrete Association (TCA) Tilt Tips "Painting Tilt-Up Panels" document should be understood and followed if painting of the tilt panels is anticipated. Over application can lead to excessive transfer to the panels and potentially cause problems with subsequent paint adhesion. A mock up test panel of any subsequent application of paint/coatings or other membrane forming treatments should always be applied and tested to verify proper coating adhesion and adequate cleaning and surface preparation of the tilt panels. Improper concrete mix designs, overly porous or weak casting slab concrete, failure to properly finish and/or cure the concrete and/or uneven or improper application and insufficient mixing of the bondbreaker can lead to panel sticking.

## BONDBREAKERS

Sure-Lift (J-6 WB)  
Sure-Lift (J-6)  
Cure-Lift EF

## CURES & COMPOUND

White Pigmented Cure (J-8)  
Day-Chem White Pigmented Cure-W (J-9-A)  
Day-Chem White Pigmented Cure (J-10-W)  
Day-Chem Rez Cure (J-11-W)

## LIQUID HARDENERS

Crete-Cure Concentrate (J-12)  
Day-Chem Sil-Cure (J-13)  
Day-Chem Hardener (J-15)  
Day-Chem Sure-Hard (J-17)

## CURES & SEALS

Safe Cure & Seal (J-18)  
Safe Cure & Seal: 25% (J-22 WB)  
Safe Cure & Seal: 30% (J-19)  
General Purpose Cure & Seal (J-20)  
Day-Chem Cure & Seal: 1315 (J-22)  
Day-Chem Cure & Seal U.V.: 1315 (J-22 U.V.)  
Day-Chem Cure & Seal: 30% (J-23)  
Day-Chem Cure & Seal U.V.: 30% (J-23 U.V.)  
Cure & Seal 30 EF

## SEALERS

Safe Seal (J-24)  
Day-Chem Aggre-Gloss (J-25)  
Day-Chem Anti-Spall (J-33)  
Day-Chem Tuf Seal (J-35)  
Day-Chem Tuf Seal (J-35 OTC)  
Ultra Seal 30 EF

## FORM RELEASES

Bio-Release EF  
Clean Strip (J-1-A)  
Clean Strip (J-1-A OTC)  
Clean Strip (J-1)  
Clean Strip (J-1 OTC)  
Clean Strip Ultra (J-3 V.O.C.)  
Clean Strip (J-3 PC)  
Clean Strip (J-3 PCU)  
Clear Dissipating Cure EF  
Liner Coat (J-4 LC)  
White Dissipating Cure EF

## POLYMER FLOOR COATINGS

Spec Cote WB  
Spec Cote 100  
Spec Cote 100CR  
Spec Cote Urethane

## WATER REPELLENTS

Weather Worker WB (J-26 WB)  
Weather Worker Heavy Duty WB (J-27 WB)  
Weather Worker S-40 (J-29)  
Weather Worker S-40 WB (J-29 WB)  
Weather Worker S-100 (J-29-A)

## BONDING AGENTS & LATEX ADDITIVES

Day-Chem Ad Bond (J-40)  
Superior Concrete Bonder (J-41)  
Levelayer Bonding Agent (J-42)

## CLEANERS & STRIPPERS

Citrus Peel (J-48)  
Green Bean Clean

## EPOXIES

Sure-Anchor Epoxy (J-50)  
Sure-Anchor I (J-51)  
Poxy-Fil (J-52)  
Sure-Grip High Flow Epoxy Grout (J-55)  
Sure-Inject (J-56) Sure Level Epoxy (J-57)  
Resi-Bond (J-58)  
Rebar Epoxy Spray (J-62)

## EVAPORATION & SURFACE RETARDERS

Sure Etch (J-73)  
Sure Film (J-74)

## SEALANTS & EXPANSION JOINTS

Perma 230 SL  
Day-Flex Expansion Joint

## POLYUREA JOINT FILLER & CONCRETE REPAIR

CM 2000  
Joint Fill

## GROUTS

Sure-Grip High Performance Grout  
1107 Advantage Grout  
Sure-Grip Grout Dri-Pak  
Sure-Grip Utility Grout  
Sure-Grip High Flow Epoxy Grout (J55)  
Turbo Grout  
Ankertite

## REPAIR MORTARS

HD-50  
Day-Chem Perma Patch  
Thin Resurfacer  
HD-25  
Polyfast LPL & FS  
Re-Crete 5 & 20 Minute Patch  
Waterstop & Fast Set  
Architectural Finish

## SHAKE-ON FLOOR HARDENERS & TOPPING

Emery Tuff  
Ferro Tuff  
Ferro Tuff Light Reflective  
Quartz Tuff  
Emery Tuff Top  
Emery Non-Slip

## FLOOR LEVELERS

Levelayer (formerly Levelayer I)  
EconoLevel (formerly Levelayer II)  
Level Topping (formerly Levelayer III)  
Level Topping EXT (formerly Levelayer IV)  
Sure Finish  
Sure Patch

## MASONRY & CONCRETE COATINGS

Seal Coat 1000  
Smooth Coat

## DIAMOND POLISH FLOOR SYSTEMS

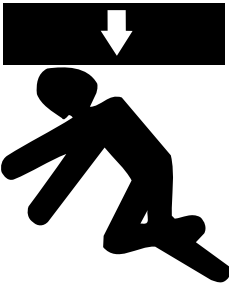
Day-Chem Sure Hard J-17DP  
DP Maintenance Cleaner  
DP Maintenance Cleaner Plus  
DP Maintenance Refresher  
DP Maintenance SS

**NOTE:** For Product data, see [daytonsuperior.com](http://daytonsuperior.com)

For safety the contractor must perform the following checks to verify dimensions and conditions before casting or erecting panels. he must also consult with the crane contractor to make certain that the crane and rigging is sized properly and

that a safe and efficient panel erection sequence is planned and followed.

Check:	Panel Number or Type															
Panel Width & Height																
Panel Opening & Location																
Panel Thickness — Structural & Overall																
Panel Cast Correct Face Up																
Sufficient Bond Breaker Applied																
Reinforcing Size & Location																
Lift Insert Type & Size																
Lift Insert Location																
Brace Anchor Type & Size																
Brace Anchor Location																
Strongback Insert Type & Size																
Strongback Insert Location																
Inserts Correctly Tied in Place																
Exposed Aggregate Size (If Used)																
Specified Compressive Strength																
Sufficient Bolt Penetration																
Proper Lifting Hardware																
Cable Lengths & Rigging Configuration																
Strongback Size & Location																
Proper Brace Type																



## ⚠ WARNING

***Improper use of Concrete Accessories Can Cause Severe Injury or Death***

Read, understand and follow the information and instructions in this publication before using any Dayton Superior concrete accessories displayed herein. When in doubt about the proper use or installation of any Dayton Superior concrete accessory, immediately contact the nearest Dayton Superior office or technical department for clarification. See the inside back cover for nearest location.