



DURALINK™

SUPER ADHESION SEALANT

DURALINK is a solvent-free, moisture cure sealant that is soft and highly elastic. It achieves exceptionally high adhesion to almost all construction materials, including Kynar-coated metal, vinyl siding, cured silicone and polycarbonate plastic.

This sealant skins over in approximately 30 minutes and has excellent tooling and finishing properties. It can be applied in temperatures as low as 30°F and cures completely through in 1 to 2 days at 70°F.

Where to Use:

DURALINK may be used to seal the following construction materials: metal with acrylic, epoxy or Kynar coatings, galvanized steel, anodized aluminum, copper, vinyl siding and vinyl clad windows, wood, expanded polystyrene foam and fiberglass panels. It may also be used in masonry and concrete expansion joints, external foam insulation systems (EFIS) and curtain wall construction.



- Super Adhesion** Bonds to Kynar
 - Super Elasticity** 800% Elongation
 - Super Durability** 15-year Weathering
Won't "suntan"
 - Super Safe** OSHA Compliant
No Carcinogens
Solvent Free
- Complies with California Proposition 65

**Conforms to TT-S-00230C, Class A, Type II
and to ASTM C 920 Type S, Grade NS Class 25.
Complies with CAN/CGSB-19, 13-M82.**

DURALINK is paintable and comes in eight colors



Custom colors available on request





Data Sheet

Application:

Because a sealant bond is only as strong as the surface it's applied to, surface preparation is essential in all sealant applications. Remove all dirt, oil, loose paint, cement and other bond breaking contamination from all working surfaces with alcohol or acetone. Do not use petroleum solvents such as mineral spirits or xylene. On weathered aluminum, steel or copper, remove oxidation with fine sand paper or steel wool.

New coated metal, protected with a release film, must be cleaned thoroughly with alcohol to remove residual adhesive contamination. Primers are not required on difficult-to-bond Kynar coatings as long as a thorough alcohol scrub precedes sealant application.

Joint dimensions should be designed for a maximum of ±50% movement.

In expansion joints, sealant depth should be one half the width of the joint. In joints wider than 1/4 inch, a closed cell "backer rod" or polyethylene "bond breaker" strip must be installed to prevent three-point adhesion.

Carefully install sealant with a smooth continuous bead, avoiding air bubbles. Tool sealant within fifteen minutes of application using a dry finishing tool. To maintain a firm glossy finish, do not tool with soapy water.

DURALINK will skin over in thirty to forty minutes. Cure is usually complete in small joints in two to three days. Large joints will cure in five to seven days. Low temperature and low humidity will slow sealant cure. Paintable with either water-based or solvent-based paint after a 24-hour cure at 70°F. Will not stain marble, limestone or other porous masonry materials.

Clean up wet sealant promptly with alcohol or soapy water. Cured sealant may be removed from tools by scraping or soaking in toluene or acetone.

Packaging:

10.3-oz cartridges are sold in waterproof "Field Packs". 28-oz cartridges (12 pr. carton), 5-gallon pails and 50-gallon drums are also available.

Physical Properties

Specific Gravity	1.5 (12.5 lbs. / gallon)
Viscosity	850,000 + cps Brookfield RTV, TF spindle, 4 rpm, 70 degrees F
Odor	Mild ester smell (mint) when wet, no odor when cured

Performance Properties

Elongation @ break	800%	--ASTM D-0412
Hardness, Shore A	24	--ASTM C-0661
Shear Strength	75 PSI	-- ASTM D-1002
Tack Free Time	25 minutes	-- ASTM C-0679
Slump (sag)	Zero Slump	-- ASTM C-0697
Shrinkage (14 day cure)	No Shrinkage	-- ASTM D-2453
Low Temperature Flex	Minus 20°F PASS 1/4 inch mandrel	
Service Temperature	Minus 40°F to 200°F continuous service	

CAUTION: UNCURED ADHESIVE IRRITATES EYES. In case of contact with eyes, immediately flush with water. Call a physician. Avoid prolonged contact with skin.

16-cartridge Field Pack



LIMITATIONS OF REMEDIES AND LIABILITY:

If this Chem Link product is proved to be defective and has not exceeded its shelf life, THE EXCLUSIVE REMEDY AT CHEM LINK'S OPTION SHALL BE TO REFUND THE PURCHASE PRICE OF, OR REPLACE, THE DEFECTIVE CHEM LINK PRODUCT. Chem Link shall not otherwise be liable for loss or damages, whether direct, indirect, or consequential, regardless of legal theory asserted, including negligence, warranty, or strict liability.

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