Technical Data Sheet

DuraLink® 35 Multi-Purpose Sealant *IB Roof Systems®*

Product Description:

DuraLink® 35 is a multi-purpose, resilient joint sealant that combines economy and high performance. It is ideal for a wide range of applications where joint movement requires compression and extension in excess of 35%. Because DuraLink® 35 is a moisture-curing polyether sealant, it is effective in damp, dry or cold climates and is free of solvents and isocyanates. It will not shrink upon curing, bubble on damp surfaces as polyurethanes sealants often do, or discolor when exposed to UV light. DuraLink® 35 has excellent elastomeric properties and adheres to most construction materials including difficult surfaces such as Kynar 500® PVDF and other anodized metals and coatings.

Packaging:

10.1 oz cartridge, 12 per case

Colors:

White, Tan, Gray, Red, Brown, Green, Cool Sand, Clear, and Black. Custom colors also available upon request.

Features:

- Bonds to Kynar 500 PVDF coated metal
- Solvent free, 100% solids, will not shrink
- Non-slump, applies vertically and overhead
- 40-minute skin-over
- No outgassing on damp surfaces
- Paintable within 24 hours (see limitations)
- Mold and mildew resistance
- Substrate application range: 32°F to 125°F
- Cured sealant temperate range: -40°F to 200°F

Coverage:

One tube will yield approximately 15 ln. ft.at 1/2" bead

Application:

Refer to IB Specifications and Construction Details for additional installation instructions. Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces with alcohol DO NOT USE petroleum solvents such as mineral spirits or xylene. Maintain DuraLink® 35 at room temperature before applying to ensure easy gunning and tooling. Test and evaluate to ensure adequate adhesion. Comes ready to use. Apply using a professional grade caulking gun. Do not open cartridges until ready for use. Carefully gun the sealant with a smooth, continuous bead. If tooling is needed, do so within fifteen minutes of application. Wet sealant can be removed using alcohol.

Temperature Guidelines/Storage & Handling:

Store in a dry area, indoors, out of direct sunlight an in the original unopened container. Optimum product storage temperature is 60-80°F (15-27°C). Shelf life is 12 months with proper storage. Always rotate stock.

Caution:

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes immediately flush with water. Call a physician. Please refer to the SDS for first aid information. Refer to current SDS for more information. KEEP OUT OF REACH OF CHILDREN.

Physical Properties (Nominal)		
Density	D1475	12.9 lbs. / gal, +/- 0.2
Elongation @ Break	D412	380%
Hardness Shore A	C661	31
Lap Shear Strength	D1002	195 psi
Low Temp Flexibility	D522	30
Peel Strength	C794	Pass -15°F (-26°C) ¼ inch mandrel
Tensile Strength	D412	180 psi
Viscosity	Brookfield RVF TF Spindle, 4 RPM, 73°F (23°C)	1,100,000 cp +/- 300,000 cp
Shrinkage	No visible shrinkage after 14 days	
Service Temperature	-40°F to 200°F (-40°C to 93°C)	

Regulatory Compliance:

- Conforms to OTC Rule for Sealants
- Meets requirements of California Regs: CARB, BAAQMD and SCAQMD
- This product does not contain cancer causing chemicals listed in California Proposition 65
- Conforms to USDA Requirements for Non-food Contact

Limitations:

- In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations.
- Allow treated wood to "cure" for six months prior to application per APA guidelines.
- Do not store in direct sunlight.
- Substrate temperature shall be above 40°F (4°C) prior to application.
- Substrate temperature limitation is 125°F (52°C)
- Do not use it when the ambient, substrate or product temperatures are outside specified temperature ranges.
- Do not use product during inclement weather, on wet surfaces or on any substrate showing signs of deterioration or loss of structural integrity.
- Do not store product in elevated temperatures.
- Do not use after the expiration date.
- Not recommended for use of structural applications or joints under constant water submersion.