



## WEDI JOINT SEALANT TECHNICAL DATA SHEET

### **Description – Characteristics**

wedi Joint Sealant is a one-component, moisture curing, non-sag, high modulus elastomeric polyurethane based adhesive/sealant. This sealant meets ASTM C920 Standard, Type S, Grade NS, Class 25, Use NT, G, A and M and has a twenty (20) year performance warranty.

### **Areas of Application**

wedi Joint Sealant is especially formulated for excellent adhesion to wedi extruded polystyrene foam (XPS) products, wedi cementitious-based surfaces, modified thinset mortars, concrete, aluminum and glass without primer. This sealant can be used to waterproof and connect parts of wedi system assemblies and adds high bond strength and flexibility to the joints. In addition, wedi Joint Sealant is paintable once cured, non-staining and recommended for applications requiring expansion and contraction.

**\*NOTE: wedi Corp. cannot be held liable for any claims related to the use of this sealant with other foam-based products\***

### **Technical Data**

|   |  |
|---|--|
| Appearance  | Pasty  |
| Color   | Grey   |
| Density   | 9.84 ± 0.42 lb/gal   |
| Sagging (ISO 7390)                                      | None   |
| Application temperature                                 | 40 to 95 °F  |
| Skin formation, superficial curing at 73 °F and 50 % RH | Ca 90 min  |
| Curing at 73 °F and 50 % RH                             | 0.12 in/24 h   |
| Shore A hardness (ISO 868 – 3 seconds)                  | Ca 40  |
| Modulus at 100 % elongation (ASTM D 412)                | Ca 58 psi  |
| Elongation at break (ASTM D 412)                        | > 600 %  |
| Resistance to dilute acids and bases                    | Average  |
| Resistance to UV radiation                              | Good   |
| Water and salt spray resistance                         | Excellent  |
| Compatibility with paints                               | Water based : yes<br>Solvent based : carry out test beforehand |
| Temperature resistance                                  | -22 to +176 °F   |

### **Instructions For Use**

Substrate Preparation:

- Apply directly to wedi extruded polystyrene foam (XPS) products and/or wedi cementitious-based surfaces.

- Other substrates must be clean, dry, free of dust, oil, grease and any contaminants that could harm bonding.
- Clean substrate with methylethylketone (MEK), acetone or a special degreasing agent.
- Apply a primer if necessary.
- Check the compatibility of the solvent used with the substrate.
- When using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer.

**Caulking:**

- wedi Joint Sealant can be applied with a manual or pneumatic gun.
- After application in between wedi assembly parts, use a putty knife to smooth out any excess sealant and work it into the wedi surface entirely covering the joints. Where the sealant is used in between wedi parts, make sure that they are pressed together firmly.
- This sealant should be used within 24 hours of opening or it could harden in the cartridge.
- Do not apply at temperatures below 40 °F.
- In cold weather, store the sealant at 68 °F for 24 hours prior to use.
- Avoid any contact with non-cured MS, hybrid PU or silicone sealants as well as with alcohols or ammonia during curing.

**Cleaning:**

Tools can be cleaned with MEK or acetone before the sealant has completely cured. After curing, abrasion is necessary.

**Packaging**

10.5 fl. oz. cartridges and 20.3 fl. oz. sausages.

**Coverage**

| Tip diameter (in)                                    | 0.10 | 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 |
|--|------|------|------|------|------|------|------|
| Length of joint strip (ft) – 10.5 fl. oz. cartridges | 200  | 88   | 50   | 32   | 22   | 16   | 12.5 |
| Length of joint strip (ft) – 20.3 fl. oz. sausages   | 380  | 170  | 96   | 62   | 42   | 31   | 24   |

**Storage and Shelf Life**

12 months in the original, sealed cartridge between 41 °F and 77 °F.

**Safety**

Not classified as hazardous. Refer to the material safety data sheet before use.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.

Before using the product, the user should carry out any necessary tests or trials in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.