



## wedi® Joint Sealant Technical Data Sheet

### SMP Sealant and Adhesive

- Elastic adhesive for wedi Building Panels and Showers
- Waterproof adhesion
- Solvent, Isocyanate and PVC free
- Neutral and odorless curing

### General product description

wedi Joint Sealant is a single component Silyl Modified Polymer (SMP) for use in wedi product system installations as specified in installation manuals. The product is especially formulated for high green strength (high internal strength), adhesion in wet and alkaline environments, and permanent flexibility. The product forms watertight seals on and in joints and in seams, and allows for dissipation of stress caused by shock, vibration or thermal movement.

### Application requirements

- Recommended application temperatures: 41°F – 95°F (5°C – 35°C)
- For cold weather application, condition units to 70°F prior to use.
- For best performance, sealants and adhesives should be applied to a joint at the midpoint of its designed expansion-contraction cycle.
- Place nozzle/tip into joint and fill as required in installation manuals. Maintain consistent and continuous beads.
- Compress internal joint applications between wedi products to be sealed. Tool topically applied sealant over seams using a putty knife.

### Limitations:

- Alcohol must not be used in preparation for bonding as it will stop the curing process.
- Do not apply on surfaces below 40° F (4°C).
- Not recommended for direct glazing of glass, acrylic or polycarbonate windows.
- Relevant testing should always be performed by the user as wedi does not recommend wedi Joint Sealant as fit for any particular use besides the wedi product systems installations as specified in applicable wedi product literature.

### Technical properties

Basic material	Silyl Modified Polymer (SMP)
UV resistance	Excellent
Color	Light grey
Curing method	Moisture
Green strength	1400 PA (Physica Rheometer MC 100)
Specific gravity	1.5 g/ml
Skin forming time (70°F / 50% R.H.)	Approx. 20 minutes
Thorough hardening (70°F / 50% R.H.)	Approx. 3mm/24 hours
Volume change	< 3% (DIN 52451)
Tensile strength (100%)	350 psi (DIN 53504/ISO 37)
Elongation at break	400% (DIN 53504/ISO 37)
Shore on hardness	50 (DIN 53505)
Shear strength	305 psi (DIN 53283/ASTM D1002 (adh. thickness 2 mm, test speed 50 mm/min)
Temperature resistance	Approx. -40°F to 250°F (-40°C to 121°C)
Application temperature	41°F to 95°F (5°C to 35°C)

## Surface requirements

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For use as specified in wedi product system installations. General requirements: For reliable, repeatable and durable results, wedi joint sealant must be applied to clean, dry, sound and frost free surfaces, free of contaminants including, but not limited to paints, oils, oxide films, mold release agents, and dirt. wedi Joint sealant offers high green strength (internal strength) and permanently flexible adhesion in wedi construction joints and when exposed to alkaline environments.

## Precautionary information

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In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See SDS for additional information. KEEP OUT OF REACH OF CHILDREN.

## Additional information

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Please contact your local wedi Representative with questions or for assistance with specific applications. Our service team is always available to assist with your needs.

## Important notice

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wedi MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE besides for the use in applicable wedi product installations. User is responsible for determining whether the wedi Joint Sealant product is fit for a particular purpose and suitable for user's method of application. Given the variety of factors that can affect the use and performance of the wedi Joint Sealant product, many of which are uniquely within the user's knowledge and control, it is essential that the user evaluate every product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

## Limitation of liability

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If any goods provided by wedi are proved to be obviously defective upon purchase or installation, THE EXCLUSIVE REMEDY, AT wedi's' OPTION, will be to replace the defective product or to refund the purchase price. wedi shall not be otherwise liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.

## Packing

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- 10.1 oz cartridges
- 20 units per box

## Packing

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Store in a dry, cool place between 41°F to 95°F (5°C to 35°C). Shelf life of at least 12 months in unopened original container.

## Safety notice

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Please refer to the Safety Data Sheet.

Information about finishing and application options for wedi products, technical recommendations or advice and other information provided by our employees (technical usage advice) is accurate to the best of our knowledge, but is non-binding and is given with the exclusion of any liability. It does not exempt our customers and their buyers from carrying out their own checks and trials on the suitability of the products for the intended processes and purposes.