

SabreSeal™ WP40



SabreSeal WP40 Fast Cure Adhesive Sealant is a premium MS Polymer sealant and adhesive designed for waterproof sealing and bonding applications. Formulated with anti-microbial and mildew-resistant properties, SabreSeal WP40 is ideal for environments where hygiene is critical.

Advantages

Reliable Durability: Outstanding environmental, UV and corrosion resistance

Superior Performance: Strong adhesion to most common surfaces and permanent flexibility

Finishing Excellence: Compatible with surface painting for a flawless finish

Hygiene Protection: Anti-microbial and mildew-resistant properties

Eco-Friendly Formulation: Low VOC, non-toxic, and safe for use in indoor spaces

Designed for:

- Waterproof sealing in high humidity environments such as kitchens and bathrooms
- Sheet metal bonding and sealing
- Sealing concrete and masonry walls
- Perimeter sealing of window and door frames, external facades and cladding
- Sealing expansion and control joints in floors
- Fast cure bonding applications in prefab construction, sheet metal and vehicle assembly

Technical Data

Specification	Typical Values
Chemical base	Silane Modified Polymer
Curing mechanism	Moisture Curing
Density	1.4±0.1 gr/ml
Tack free time	10–20 min (23°C and %50 R.H.)
Cured depth (24 hours)	>3.5mm (23°C and %50 R.H.)
Volume change/Shrinkage	≤1.5%
Tensile strength	2.3MPa
Ultimate elongation	470%
Shear stress	2.5MPa
Tear propagation	15 N/mm
100% Tensile modulus	≥1.8MPa
Shore A hardness	35–40
Solvent content	0 (%)
Isocyanate content	0 (%)
Application temperature	+5°C to +35°C
Temperature resistance	–50°C to +120°C

Joint Width (mm)	Joint Depth (mm)	Metres of joint per 600ml (appx)
12	6	8
20	10	3
24	12	2

Directions For Use

Substrates to be clean of oil, dirt, contaminants and old sealant. Mask joint edges. Cut off the end of the sausage and insert into a manual or pneumatic gun. Place the sausage nozzle on top of the sausage, and screw on the cap. Cut back the nozzle to the required size. Apply adhesive sealant to the substrate. Remove masking before skinning.

For joint application: Insert nozzle into joint, apply adhesive sealant moving gun in a forwards direction – never pull backwards as air may be trapped in joint preventing a good seal. Remove masking before skinning.

Priming:

Sabre Surface Activator may be used on non porous surfaces. Porous surfaces should be primed with Sabre Primer PX. We recommend preliminary compatibility tests previous to application.

Painting:

SabreSeal WP40 is suitable for most paints – test for compatibility. For best paint bond, apply promptly after sealant cure.

Cleaning

Remove excess sealant immediately with Sabre CC Citrus Cleaner. Ensure surface is solvent resistant before cleaning. Cured sealant can only be removed mechanically.

Limitations

Avoid application below +5 °C and above +35 °C

- Do not apply on curing silicones
- Minimum depth for working joint is 6 mm
- Maximum expansion and contraction should not exceed 20% of average joint width.

Packaging & Colour

Available colours:

- Grey

Packaging sizes:

600ml sausage (20/carton)

Storage & Shelf Life

Store in a cool dry place between +5°C and +25°C.

Shelf life 12 months from date of manufacture.

Health & Safety

Before handling or opening this product, obtain & read the Safety Data Sheet (SDS) available at www.sabreadhesives.com and ensure all safety precautions are followed.

First Aid

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) and have the SDS and product label at hand.

SabreSeal_WP40_TDS_2503

IMPORTANT NOTICE

Sabre Adhesives Limited makes no warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application. Due to the fact that specific substrates, such as: plastics, polycarbonates, etc, may differ from manufacturer to manufacturer we recommend preliminary compatibility tests. Please remember that many factors can affect the use and performance in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a product. Given the variety of factors that can affect the use of our products some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

LIMITATION OF REMEDIES AND LIABILITY

If the product is proved to be defective, the sole remedy shall be to refund the purchase price or to repair or replace the defective product. Sabre shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

New Zealand

+64 6 366 0007
40-42 Cambridge St South
Levin 5510

Australia

+61 3 8657 5507
176 Paramount Blvd
Derrimut, VIC 3026, Australia