

SHOWER & BATH 2400

MILDEW RESISTANT ACETOXY SILICONE ADHESIVE SEALANT

DESCRIPTION

SHOWER & BATH 2400 is a one-component general purpose silicone, thixotropic, non-flowable adhesive sealant that cures rapidly at room temperature and ambient humidity conditions utilizing an acetoxy curing system. It may be used for many types of bonding and sealing applications. Because it does not flow due to its own weight, this sealant can be applied overhead or on sidewall joints and surface without sagging, slumping, or running off.

SHOWER & BATH 2400 CAN NOT BE PAINTED.

SHOWER & BATH 2400 has good resistance to weathering, vibration, moisture, ozone, and extreme temperature. It adheres to glass, aluminum, most painted metals, most types of wood, ceramic, mirror, natural and synthetic fiber. For sealing or bonding on plastic surfaces the use of a primer may be required. SHOWER & BATH 2400 can corrode or not adhere to copper, brass (and other copper-containing alloys), magnesium, zinc, and galvanized metals (and other zinc containing alloys).

SHOWER & BATH 2400 is resistant to permanent temperatures of -58°C to 204°C (-70°F to 400°F) and maximum intermittent temperature 250°C (482°F).

SPECIFICATIONS

- Meets ASTM C920, type S, NS grade, class 25, use NT, G, A, O.
- Meets American Federal Specifications TT-S-1543A, TT-S-00230C
- CFIA accepted

LIMITATIONS

- Not designed for permanent immersion joints
- Where the sealant is encapsulated and does not have access to ambient humidity
- In contact with strongly acidic or alkaline products
- Not designed for sealing horizontal traffic joints
- Not recommended for movement joint less than 1/4 " or 6 mm. (width and depth)
- Not designed for use on some plastics applications

PHYSICAL PROPERTIES

Uncured at 23°C (73°F) 50% R.H.	
Appearance	Paste
Color	Clear (2400)
Density	1.04 g/ml
V.O.C.	20 g/L
Extrusion rate (20 psi/diameter 5mm)	75 – 350 g/min.
Tack free time (ASTM C679)	15 – 20 minutes at 23°C (73°F) 50% r.h.
Rheological properties (ASTM C639)	No sag
Shelf life	24 months

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Cured 21 days at 23°C (73°F) - 50% R.H.	
Hardness (shore A) (ASTM D2240)	15
Elongation at break (ASTM D412)	408
Maximum Tensile strength	111psi
Tensile strength at 100% elongation (ASTM D412)	43psi
Lap shear (ASTM C961)	24psi
Movement capability (ASTM C719)	± 25%

APPLICATION

Construction

- Shower and bath
- Countertop
- Bathroom vanity

SURFACE PREPARATION

Surface must be free of dust, oil, grease, frost, or any other contaminant. On porous surface, first use mechanical tool such as grinder or metal brush to remove old sealant or any other contaminant. The surfaces must be cleaned with isopropyl alcohol 99%. Let it evaporate 20 minutes before sealant application.

METHOD OF USE

SHOWER & BATH 2400 is easy to apply with a conventional manual, electric or pneumatic applicator (do not exceed 45psi for a cartridge). SHOWER & BATH 2400 can be applied at temperatures as low as -20°F (-29°C). Shape the sealant bead with an appropriate spatula before skin formation. To facilitate the work, the shaping can be done with a solution of 5% **clear** dish soap and 95% water. Avoid applying this solution directly on the sealant. The use of this solution may reduce sealant adhesion if used in an abusive manner. Uncured sealant can be cleaned with a solvent such as mineral spirit.

PACKAGING

- 10.3oz / 304ml cartridge

STORAGE

Store the sealant in closed original packaging. Store in dry premises at a temperature between 8°C (46°F) and 25°C (77°F). High humidity and storage below or above these temperatures will shorten shelf life. Expiration date is indicated on each container. Storage beyond the date specified on the container does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality insurance reasons. Contact our technical service.

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CAUTION

Always consult SDS (Safety Data Sheet) before using the product. Apply usual hygienic rules. Always test the product on your application before use. For industrial use only. For more information, please contact your technical representative.

IMPORTANT

READ CAREFULLY

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

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