



Dynatex®

Technical Datasheet

DYNA 49286

Revised Date: June 2011

Description

Dynatex White Silicone Sealant Mildew Resistant is a paste-like, fungicidal, silicone rubber sealant designed to seal nonporous surfaces around ceramic tile, showers, tubs, sinks, and plumbing fixtures where conditions of high humidity and temperature extremes exist.

Dynatex White Silicone Sealant Mildew Resistant:

- Resists mildew even in prolonged hot and humid environments
- Resists staining, spotting and colour change
- Remains flexible-will not shrink, crack, crumble or dry out
- Stays bright and clean
- Is ready to use as supplied
- Resists moisture, hot cooking oils and free steam
- Adheres to many nonporous surfaces such as porcelain, painted areas, and glass without the use of a primer

Applications

- Sealing around shower-tub enclosures, tubs, sinks, and around urinals
- Bonding gaskets in heating and refrigeration units
- Waterproofing rimless sinks
- Ceramic tile grouting

Limitations

Dynatex White Silicone Sealant Mildew Resistant is not recommended for continuous water immersion, not for floor joints where abrasion and physical abuse are encountered. It should not be applied to:

- Porous surfaces such as masonry
- Building materials that bleed oils or solvents, such as impregnated wood and certain partially vulcanised rubber gaskets, tapes or adhesives
- Totally confined spaces, because the sealant needs atmosphere moisture to cure.

Typical Properties

As supplied

Colours	White
Specific Gravity @ 25°C	1.04
Extrusion Rate	350
Flow Rate	Nil
Tack-Free Time @ 25°C and 50% RH	10 to 20 mins
Cure time @ 25°C and 50%	24 hours

As Cured – Physical

ASTM D 2240	Durometer Hardness, Shore A, Points	30
ASTM D 412 Die C	Tensile Strength, Mpa(psi)	2.4(350)
ASTM D 412 Die C	Elongation, Percent	500
ASTM D 746	Brittle Point, Degrees C	

ACTIVE & INACTIVE METAL TABLE

Super Active Very Fast Cure	Active Fast Cure	Inactive Slow Cure	Passive Primer Necessary
Brass, Copper, Magnesium	Iron, Steel, Nickel, Aluminium	Stainless Steel, Titanium, Zinc, Anodized Aluminium, Galvanised Steel	Ceramics, Glass, Plastics, Painted Finishes



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How to Use

Dynatex White Silicone Sealant Mildew Resistant can be applied directly from a caulking cartridge with either an air-operated or hand-operated cartridge gun. Do not break the cartridge until just before using.

After applying the sealant and after a skin has formed, do not disturb the joint for 48 hours. A previously opened cartridge may be reused by removing the cured plug of sealant from the tip.

Clean up

Excess sealant should be cleaned off tools and nonporous surface while it is in the uncured state, using a commercial solvent such as xylol, toluol or methyl ethyl ketone.

Presentation

Dynatex White Silicone Sealant Mildew Resistant available in a 312g cartridge.

Storage

When stored in original unopened container at or below 32°C, Dynatex White Silicone Sealant Mildew Resistant has a shelf life of 12 months from date of shipment

Conversions

- (°C x 1.8)+32 = °F
- N/mm x 5.71 = lb/in
- MPa x 145 = psi
- N/mm² x 145 = psi
- N x 0.225 = lb
- N·m x 8.851 = lb·in
- N·mm x 0.738 = lb·ft
- mPa·s = cP

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