

hydrasil

100% Neutral Cure Anti-Fungal Silicone Sealant



DESCRIPTION

POLYBIT HYDRASIL is a high quality 100% neutral oxime curing silicone adhesive/sealant, containing antifungicide to prevent mould growth in hot and humid areas. It is ideal for sealing in bathrooms, kitchens, hotel wash basins, and shower screens etc. It reacts with atmospheric moisture to produce a form in place silicone rubber seal. Weathering and UV resistance is excellent.

ADVANTAGES

POLYBIT HYDRASIL has excellent adhesion to most common building materials including: glass, aluminum, galvanised steel, concrete, wood, ceramic tiles, baths, vanities, cement sheet etc.

- 5-8 minute skin time
- Low Slump
- Movement capability + 25%
- Superior Adhesion
- Will not corrode metals

APPLICATIONS

POLYBIT HYDRASIL is ideal in applications such as : General purpose glazing and weather sealing **BS 5889 building approved.**

Sealing around baths, vanities, kitchens, and shower screens Any area subject to hot and humid, and wet conditions.

LIMITATIONS

POLYBIT HYDRASIL is not recommended for use:

- On submerged joints where porous substrates permit water to the bond interface.
- In aquarium construction and structural glazing.
- For certain rubber products where bleeding of plasticizer may occur, check with us if unsure.

SURFACE PREPARATION

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination.

Metals should be cleaned with a non-oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass. When used on remedial work all existing sealant must be removed.

APPLICATION INSTRUCTIONS

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.



3A Bellfrog Street
Greenacre NSW 2190

www.polybit.com.au



hydrasil

100% Neutral Cure Anti-Fungal Silicone Sealant

TYPICAL PROPERTIES

PROPERTY	VALUE	STANDARDS
Curing Method:	Neutral (Oxime) 100%	
SAG/Slump @23°C:	No Slump (0.1% max)	JIS A 1439
Hardness:	28 Shore A	ASTM D2240
Dynamic Joint Movement:	+/- 25%	
Elongation:	400 %	JIS K 6249
Skin Time @ 23°C & 50% RH:	4-8 mins	JIS A 1439
Cure Time (10mm) @ 25°C & 50% RH:	5-7 days	
Application Temperature Range:	-60 to 170°C	
Specific Gravity:	1.02 - 1.04	
Tensile Strength MPa:	2.0	JIS K 6249

- Data quoted are typical and not to be used as specifications
- Cured 21 days @ 23°C and 50% RH

COLOURS

- Black
- Light Grey
- Tile Grey
- Grey Mist
- White
- Off white
- Translucent

Available upon request; Almond Ivory, Bluestone, Charcoal, Mid Grey, Pewter, Stone Beige, Taupe, Travertine & Ivory.

STORAGE

12 months from date of manufacture if stored below 28°C

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and end-use of Polybit Waterproofing Systems products, are given in good faith based on Polybit Waterproofing Systems current knowledge and experience of the products when properly stored, handled and applied under normal conditions.

It is your responsibility to ensure that our products meet your requirements, are used and handled correctly in accordance with any applicable Australian Standard, our instructions and recommendations and only used for the applications for which they are intended.

In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.

We also reserve the right to update information without prior notice to you to reflect our ongoing research and development.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with these.



3A Bellfrog Street
Greenacre NSW 2190

www.polybit.com.au

