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Technical Datasheet
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Python SA

GET A GRIP!

PYTHON
ADHESIVES

PYTHON SA A PREMIUM, LOW MODULUS, MOULD RESISTANT SILICONE SEALANT



Suitable for use with sensitive natural stone tiles such as granite and marble



Suitable for use in showers and wetrooms



Mould resistant



Can be used on glass, PVC, wood, ceramic and porcelain



Designed to compliment the Python CS grout range

**ANTI-MOULD
TECHNOLOGY**

**LOW MODULUS
NON STAINING**

**COLOUR MATCHED
WITH PYTHON CS GROUT RANGE**

DESCRIPTION

Python SA is a premium, highly flexible and high performance silicone sealant for walls and floors. Python SA is a low modulus, neutral cure and non-staining silicone sealant meaning it is suitable for use with sensitive natural stones such as granite and marble*. Python SA contains advanced Anti-Mould technology that will protect against mould growth. The Python SA colour range has been specifically developed to compliment the Python CS colour range and all colours of grout have a matching silicone.

Python SA has two main areas of use:

- For sealing joints between sanitary ware and ceramic, porcelain and natural stone tiles in bathrooms, kitchens, showers and wet rooms in both domestic and commercial environments.
- For sealing movement joints in wall and floor tiling.

Python SA is a low modulus, neutral cure sealant with excellent adhesion properties and it is suitable for use on a large variety of surfaces including ceramic, glass, porcelain, natural stone, PVC and wood. When cured Python SA is highly flexible and will accommodate movement between two surfaces. Python SA is waterproof and it is ideal for use in areas subject to prolonged wet conditions e.g. showers, wet rooms etc. Python SA is very easy to apply, smooth and clean off and it is suitable for interior and exterior use.

PREPARATION

Before starting, all surfaces must be clean, dry and free from dust, dirt, oil, grease and other contaminants that may affect adhesion.

APPLICATION

For internal use the recommended minimum joint depth is 6mm.

1. Cut off the tip of the Python SA cartridge, ensuring the screw-

thread is left intact.

2. Screw on the nozzle and cut the nozzle tip to a 45° angle with the nozzle diameter equal to the joint width.
3. Place the Python SA cartridge in a caulking gun and apply a steady bead of silicone sealant to the required area.
4. Within 10 – 15 minutes of applying the Python SA, smooth the sealant with a wet jointing trowel, a finger dipped in soapy water or a silicone finishing tool.
5. Allow the Python SA to cure. Allow at least 3 days before contact with water.

PLEASE NOTE: When applying Python SA to a bath, it is recommended to fill the bath half full with water whilst sealing. Leave the water in the bath for 24 hours to allow for full cure of the sealant.

NB: Python SA is suitable for use with natural stone tiles, but suitability with very porous natural stone tiles must be tested prior to use. Do not use to seal Aquariums, or areas that are fully submerged in water e.g. swimming pools, or with bitumen / asphalt.

Although Python SA contains anti-mould technology, the joints should be cleaned with appropriate household cleaners and/or disinfectants in sanitary areas to help prevent mould and mildew growth.

Tiles

- ◇ Ceramic
- ◇ Porcelain
- ◇ Marble
- ◇ Travertine
- ◇ Limestone
- ◇ Slate
- ◇ Quartz
- ◇ Granite
- ◇ Composite
- ◇ Terracotta
- ◇ Mosaics
- ◇ Quarry

Suitable | Not suitable

Application Areas / Environments

- ◇ Domestic and Commercial Showers
- ◇ Bathrooms
- ◇ Domestic Kitchens
- ◇ Wetrooms
- ◇ Steamrooms
- ◇ Laundry / Utility Rooms
- ◇ Areas subject to Prolonged Wet Conditions
- ◇ Movement joints in tiling installations
- ◇ Window and door fittings

Suitable | Not suitable

HEALTH AND SAFETY

Python SA is classed as non-hazardous in normal usage. Contains 2-butanone oxime. May cause an allergic reaction. This product contains a biocide – Carbendazim. For further information consult the relevant Health and Safety Data Sheet.

It is the user's responsibility to determine the suitability of use. A sample test is recommended before use. If in doubt, please contact the Python Technical Department on 020 8778 9000.

The information contained on this spec sheet is given voluntarily and in good faith. It is to the best of our knowledge true and accurate; however it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.

Technical Data	
Standard Conformity	Conforms to EN 15651-3:20012 12 Type S (XS1)
Composition	Low modulus, neutral cure silicone sealant
Open Time	Forms a skin after 30 – 60 minutes (at 20°C)
Set Time	24 hours at 3mm
Coverage	Approx. 8.5 linear metres when using a 6mm x 6mm bead size
Pack Size	310ml Cartridge
Colours x 21	Pure White, Jasmine, Beige, Sandstone, Sage, Limestone, Almond, Cocoa, Brown, Light Grey, Natural Grey, Mid Grey, Dark Grey, Charcoal, Red, Cadet Blue, Lilac, Royal Blue, Air Force Blue and Laurel Green
Shelf Life	18 months when stored in cool, dry, frost-free conditions
Application Temperature	+5°C to +35°C



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EN 15651-3 | Non-structural sealant for sanitary joints
Type XS1 | Conditioning: Method B | Substrate: glass aluminium; without primer

Reaction to fire	Class E
Release of Chemicals Dangerous to the Environment and Health	Evaluated (see Health and Safety Data Sheet)
Water Tightness and Air Tightness	
• Resistance to Flow:	$\leq 3\text{mm}$
• Loss of Volume:	$\leq 10\%$
• Tensile properties at -30°C	$\leq 0.9\text{ MPa}$
Microbiological Growth	0 or 1
Durability	Pass