

PRODUCT DESCRIPTION

TPA Tru Colour Sanitary Silicone is a mould resistant, non-diluted, high performance, UV resistant, neutral cure silicone sealant. Designed for sealing joints in ceramics, porcelain, vitreous china, or metal in wet areas, kitchens, bathrooms, laundries, toilets or wherever fungal growth might occur. It reacts with atmospheric moisture to produce a formed in place silicone rubber seal.

Recommended for:

- Porcelain and Ceramic Tiles
- Baths, vanities and kitchens
- Metal fixtures, including shower screen frames
- Glass
- Concrete, blockwork and cement sheeting
- Galvanised steel

FEATURES AND BENEFITS

- Will not support the growth of mould, mildew or fungus.
- Excellent adhesion properties.
- Permanently flexible.
- Suitable for interior and exterior applications.
- Unaffected by extreme temperature – hot or cold.
- Waterproof.
- Excellent tooling.
- Easy to use.

APPLICATION PROCEDURE

TPA Tru Colour Sanitary Silicone is suitable for most silicone applications:

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.

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

Insert backing rod where required.

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun ensuring sealant is pushed firmly into place, without voids. Tool sealant with a round spatula and suitable smoothing liquid. Masking tape should be removed immediately.

Uncured material can be removed by using a suitable solvent or an approved sealant remover. Cured material can only be removed mechanically.

LIMITATIONS

TPA Tru Colour Sanitary Silicone is not recommended for use:

- On submerged joints where porous substrates permit water to the bond interface;
- On damp or wet substrates;
- In trafficable applications;
- In aquarium construction and structural glazing;
- For certain rubber products where bleeding of plasticiser may occur, if unsure please contact the Bayset Technical Department;
- On polycarbonates or poly acrylates.

TPA Tru Colour Sanitary Silicone cannot be painted.

Performance data and Physical Properties cured 7days @23°C & 50% RH

Colours	Bright White, Light Grey, Mid Grey, Charcoal
Tooling/Skin Time	3-5min @23°C
Tack Free Time	10min @23°C
Cure Time @ 23°C	Approx 2mm per 24 hours
Application Range	10°C to 50°C
Performance Range	-30°C to 150°C
Hardness (Shore A)	28
Tensile strength	2.0 MPa
Sag/Slump @ 23°C	NIL
Specific gravity	1.04 g/ml
UV and Ozone resistance	Excellent
Elongation	<400%
Joint Movement	± 25% min

Coverage:

5mm x 5mm joint = 12 lineal meters

Packaging

TPA Tru Colour Sanitary Silicone is available in 300ml cartridges.

Shelf Life

12 months from date of manufacture if stored below 25°C.

Technical Data Sheet ISSUED FEBRUARY 2024

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WARRANTY CONDITIONS

Bayset Pty Ltd trading as Tiling Products Australia (Bayset) offers a limited warranty in respect of this product, subject to certain terms and conditions set out in the warranty documentation which has been made available at www.bayset.com.au. Please contact Bayset directly to obtain a copy of the warranty documentation relevant to this product.

DISCLAIMER

The technical information and application advice given in this Technical Data Sheet is based on the present state of Bayset Pty Ltd's best scientific and practical knowledge and is intended to give a fair description of the product and its capabilities. As the information contained herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness, either expressed or implied, is given other than those required by law. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the product's suitability for a particular application and that the product is not used beyond its physical limitations. The user is responsible for checking the suitability of products for their intended use.

***NOTE**

Field service where provided does not constitute supervisory responsibility. Suggestions made by Bayset Pty Ltd (trading as "Tiling Products Australia") either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Bayset Pty Ltd (trading as "Tiling Products Australia"), are responsible for carrying out procedures appropriate to a specific application.

DOCUMENT CONTROL	
Product	TPA Tru Colour Silicone
Initial Issue	February 2024
Author	SR

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For latest revision, check our website at www.tpa-us.com.au

This is a CONTROLLED document under TPA's Quality System.