

PROFESSIONAL PROSIL 30

100% Neutral Cure Matt Silicone Sealant

PRODUCT DESCRIPTION

Admil's **Prosil 30** is a premium extra high strength medium modulus one part moisture curing, 100% calcium carbonate filled, high performance neutral cure silicone sealant (oxime) designed to give superior adhesion and durability in a wide range of glazing, weather sealing, and trade applications. It has been specifically formulated for professional glazing. It will bond to form a strong weatherproof seal on most common building materials such as: glass, ceramic, steel, aluminium, brick, concrete, most plastics etc.

Weathering and UV resistance is excellent and its superior physical properties are retained over many years exposure.

ADVANTAGES

Prosil 30 has excellent adhesion properties superior to most other silicones and will adhere to most common building materials including :
Glass, aluminium, concrete and plastics, wood, masonry and most powder coated surfaces.

- **10 minute skin time**
- **Extra low gloss**
- **Movement capability > + 25%**
- **Superior Adhesion**
- **Medium Modulus for higher strength with good movement (out standing elongation)**
- **Contains no hydro treated petroleum distillate (extender)**

APPLICATIONS

Prosil 30 is ideal in glazing, where a matt finish is required: General purpose glazing, colonial bars, and structural butt joints. Weather-sealing of high rise buildings, Installation of solar panels. It is also often used in truck and caravan assembly due to its excellent adhesion and high flexibility.

LIMITATIONS

Prosil 30 is not recommended for use:

- On submerged joints where porous substrates permit water to the bond interface.
- For certain rubber products where bleeding of plasticiser may occur, check with us if unsure.
- In aquarium construction and structural glazing. (Admil recommends **Prosil 20** acetic for aquarium applications) and **Mastersil 1** for structural.

TYPICAL PROPERTIES

PROPERTY	VALUE
Method	Neutral (Oxime) 100%
Sag/Slump	No Slump
Hardness (ASTM D2240)	30 Shore A (Matt Colours) 28 Shore A (Translucent)
Tensile Strength KGF/cm2 (MPA)	>13 (1.3) (Matt Colours) 20 (2.0) (Translucent)
Dynamic Joint Movement	+/- 25%
Elongation	>680% (Matt Colours) 400% (Translucent)
Skin Time @ 20°C & 50% RH	5-10 Minutes
Cure Time 10mm @ 25°C & 50% RH	5-7 Days
Operating Temperature Range	-40 to 140°C (Matt Colours) -60 to 180°C (Translucent)
Specific Gravity	1.33 (Matt Colours) 1.02 Translucent)

Values given in this list should not be used as specifications. All Data based on samples cured for 21 days @23oC and 50% R.H.

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 IPA or ideally **Prosil Primer 1** for the ultimate adhesion. 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.

Prosil 30 - Technical Data Sheet

PACKAGING

Admil's **Prosil 30** is available in 300ml Cartridges & 600ml Sausages

COLOURS

Prosil 30 is available in Translucent, White, Grey & Black

STORAGE

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

HEALTH AND SAFETY

This product emits Methyl Ethyl Ketoxime whilst curing, which is hazardous. Use in well-ventilated areas, and avoid breathing vapours.

Contact with uncured product will irritate eyes. In case of eye contact immediately flush with Water for 15 minutes and seek medical advice.

Avoid contact with skin or clothing.

Keep out of reach of children

Admil Prosil 30 MSDS available upon request

Notice

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product (s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.