I.R.S. RUBBER HARDWARE TAPES SEALANTS

Technical Data Sheet

Prosil 10

Dated: 16/10/2012

100% Neutral Cure Silicone Sealant - Adhesive

PRODUCT DESCRIPTION

Admil's **Prosil 10** is a high quality 100% neutral oxime curing silicone adhesive/sealant.
Prosil 10 is designed for general purpose glazing, industrial, and automotive sealing applications where, excellent adhesion, long term reliability is required. It reacts with atmospheric moisture to produce a form in place silicone rubber seal. Weathering and UV resistance is excellent.

ADVANTAGES

Prosil 10 has excellent adhesion to most common building materials including : glass, aluminium, galvanised steel, concrete, wood, ceramics plastics, and most powder coated surfaces.

- **5-8 minute skin time**
- **Low Slump**
- **Movement capability + 25%**
- **Superior Adhesion**
- **Will not corrode metals**
- **Complies with 5 Star Rating for VOC <5% (less than 50 grams/litre) In accordance with the Californian South Air Quality Management rule 1168**

APPLICATIONS

Prosil 10 is ideal in applications such as:

- General purpose glazing and weather sealing **BS 5889 building approved**
- Roofing, gutters, and rainwater tanks **AS4020 Approved Potable Water**
- Electrical sealing and insulation
- Automotive, caravan, and truck body sealing, and assembly

LIMITATIONS

Prosil 10 is not recommended for use:
On submerged joints where porous substrates permit water to the bond interface.
In aquarium construction and structural glazing.
Admil recommends it's Prosil 20 acetic for aquariums.
For certain rubber products where bleeding of plasticiser may occur, check with us if unsure.

TYPICAL PROPERTIES

PROPERTY	VALUE
Method	Neutral (Oxime) 100%
Sag/Slump	No Slump (0.1% Max
Hardness (ASTM D2240)	28 Shore A
Tensile Strength KGF/cm2 (MPA)	20 (2.0)
Dynamic Joint Movement	+/- 25%
Elongation	400%
Skin Time @ 20°C & 50% RH	5-10 Minutes
Cure Time 10mm @ 25°C & 50% RH	5-7 Days
Operating Temperature Range	-60 to 170°C
Specific Gravity	1.04

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 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.

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PACKAGING

Admil's **Prosil 10** is available in 300ml Cartridges, 400ml & 600ml Sausages

COLOURS

Available in Translucent, White, Black, Light Grey, Aluminium, Brown, Off White, Classic cream, Stone Beige.

Other special colours available on request

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 our of reach of children

Admil Prosil 10 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.