



Prosil 20HT

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High Temperature Red Silicone

PRODUCT DESCRIPTION

Admil Prosil 20HT Red High temperature silicone sealant is an acetic, one-part, moisture curing, high performance industrial silicone.

It is a high strength 100% silicone designed for high temperature applications where long-term reliability is required. It is suitable for auto gaskets, oven seals, etc, and can with stand temperatures from -62oC to 343oC.

ADVANTAGES

Prosil 20HT has excellent adhesion to most common building materials including glass, aluminium, steel, powder coated paints and plastics.

- **High strength**
- **Movement capability \pm 25%**
- **Excellent Chemical Resistance**
- **Can with-stand temperatures up to 343°C**
- **Resistant against Oil, Transmission fluids etc**

APPLICATIONS

Admil Prosil 20HT can be used for :
Automotive gaskets, Industrial assembly Sealing environmental and refrigerated rooms, Manufacturing of ovens, and heating elements.

High temperature sealing where it is important that the sealant remains flexible and does not crack.

LIMITATIONS

Prosil 20HT is not recommended for use:

With concrete, marble, galvanised steel, lead surfaces, or the fixing or mirrors without the manufacturers approval.

On submerged joints where porous substrates permit water to the bond interface.

For use on some laminated glass or certain rubber products where bleeding of plasticizer may occur.

TYPICAL PROPERTIES

| PROPERTY | VALUE | STANDARDS |
|-----------------------------------|------------------------|------------|
| Curing Method: | Acetoxy | |
| SAG/Slump @23°C: | No Slump (<2mm) | |
| Hardness: | 29 Shore A | ASTM D2240 |
| Dynamic Joint Movement: | +/- 25% | |
| Tensile Strength (ASTM D412: | 320 PSI | |
| Skin Time @ 25°C & 50% RH: | 5 mins | |
| Cure Time (10mm) @ 25°C & 50% RH: | 5-7 days (2-3mm / day) | |
| Operating Temperature Range: | -62 to 343°C | |
| Specific Gravity: | 1.04 | |

- Data quoted are typical and not to be used as specifications



Prosil 20HT Technical Data Sheet

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 5 minutes to spread the sealant against the joint surfaces.

PACKAGING

Admil's Prosil 20HT is available in 300ml Cartridges

COLOURS

Red

STORAGE

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

HEALTH AND SAFETY

This product emits Acetic acid whilst curing, Use in well-ventilated areas, and avoid breathing vapors.

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 20HT 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.