ProMast
insulates seals bonds

Technical Data Sheet

Promast Sanitan-NT Neutral Sanitary Silicone / PMS-560

High performance antibacterial neutral silicone formulated for strong adhesion particularly to acrylic, polyester and PVC surfaces

Application Areas

- On polyester, acrylic and PVC shower cabins, bathtubs, washbasins etc. surfaces.
- Sealing applications at high humidity environments like saunas, pools, kitchens and bathrooms
- Connection joints of faience tiles in contact with water
- Sealing around shower cabins, bathtubs, washbasins etc.
- Sanitary ware

Specification

- Pure silicone; since it does not contain solvents, it does not shrink.
- Strong adhesion to acrylic and polyester bathtubs and washbasins, PVC shower cabin and shower trays etc.
- Suitable for use on glass, faience tile, ceramics, metal, concrete and wooden surfaces.
- Low odour drying, not contains abrasive acids.
- Durable to detergents, cleaning agents and chemicals.
- Long-term resistance to moisture.
- Contains fungicides.
- Resistent to sunlight and weather conditions.

Colour

Curing	Single Component Oxime
Density	1,03 gr / lt
Tack-Free Time	15 minutes
Drying	3 mm / day
Extrusion Rate	350 gr / minutes
Shore A Hardness	19

Elongation At Breaking	% 370
Elastic Recovery	>%95
Moving Capability	%20
Service Temperature	-40° C to +180° C
Application Surface Temperature	+5° C to +40° C

* Revision Date: 01.04.2015. Version no: DataPS5601. Manufacturer reserves the right to amend product specifications.

Package Options

- 310 ml cartridge (parcel of 20 cartridges)

Surface Preparation

- Surfaces to contact with silicone must be clean and dry and not contain oil, dust, rust and loose parts.
- If there are previously applied silicone on the surfaces, these must be removed by mechanical methods.
- Non-porous surfaces must be cleaned with a suitable solvent and solvent applied onto the surface must be wept from the surface without allowing it to evaporate.
- Applying masking tape around the application joints does not only prevents smudging of joints but provides a more aligned application as well.
- Masking tape must be removed promptly after application.
- Primer is not needed before application on non-porous surfaces like faience, ceramics and glass.
- Primer use may be required for some synthetic surfaces.

Joint Design

- Joint width must be between 6-20 mm.
- Depth of the applied silicone depends on the size of width.Apply 6mm silicone in the widths with depths up to 12mm.
- Depth of silicone must be roughly half of its width in wider joints.

Application Method

- Cut the tip of cartridge and screw the application nozzle to the cartridge.
- Cut the nozzle at a suitable point depending on the thickness of the application joint.
- Place the cartridge to the silicone gun and apply.
- Before silicone forms a crust, preferably within 5 minutes, smoothen the silicone with fingers or with a thin plastic/wood piece or with a dry spatula.
- Clean the smudged silicone with a solvent like thinner without allowing it to dry, because dried silicone can be cleaned with difficulty only by mechanical methods.

Warnings

- Since antibacterial influence time is limited, care should be shown to keep silicone clean for maximum protection, ventilation should be provided especially in closed and humid environments.
- Not suitable for joints which will be submerged in water for all times.
- Must not be used on surfaces to contact directly with foods and drinking water.
- Since silicone is single component, it can dry only by reacting with the humidity in the air.
- It will not dry in closed spaces where contact with air is not possible.
- Not suitable for PE, PP, PTFE, neoprene and bituminous surfaces.

Shelf Life And Storage

It must be stored in a cool and dry environment in closed package between 5-25C. It has 15 months shelf life following production date when these conditions are provided. Expiry date is indicated on the cartridge. If the expired silicones form a crust within 15 minutes after application, these may still be used

Safety Info

Contains trace amounts of volatile chemicals. During curing, it emits irritating odour and acetic acid. Therefore, it should not be breathed for long periods and if used indoors, the place should be well ventilated. Since it may irritate the skin, contact with fresh silicone for long periods should be avoided. Hardened silicone does not contain elements harmful for health. Refer to safety info form of the product for detailed information.

www.promast.com.tr info@promast.com.tr Sanayi Dist. Sakayık Str. No: 9 Izmit-Kocaeli P: 0262 335 41 82 F: 0262 335 41 83