



PRODUCT BULLETIN

3600 GOLD

GENERAL PURPOSE SILICONE SEALANT

DESCRIPTION

STRONG SEAL 3600 Gold, General purpose sealant is a single component Acetic cure silicone sealant which vulcanizes on exposure to moisture in the air at room temperature, to produce a flexible elastomeric sealant. It is suitable for all common construction and glazing application. It is easy to apply and offers excellent adhesion to a variety of nonporous substrates such as glass, glazed ceramic tiles and aluminium. It is resistant to ozone, ultra-violet radiation and temperature extremes.

KEY PERFORMANCE PROPERTIES

- ❖ Single component sealant hence easy to use, with antifungal and antibacterial properties
- ❖ Cures at room temperature at ambient humidity conditions.
- ❖ All temperature gun ability – can be applied in all temperatures.
- ❖ Excellent resistance to weathering, moisture, ozone, UV, temperature Extremes etc.

TYPICAL PROPERTIES

Color	White, Clear, Brown, Grey, Beige, Cream & Clear translucent
Consistency	Non-Slump Paste
Cross Linking System	Acetoxy cure
Skin Forming Time	8-10 minutes
Tack Free Time	30 minutes
Specific Gravity	≤ 0.94
Hardness (Shore A)	15-18
Depth Cure Rate (mm/Day)	2mm -2.5mm
Viscosity Flow	Non Sag
Tooling Time	20 minutes
Tensile Strength	0.9
Elongation %	> 700%
Young Modulus	0.22
Application Temperature Range	- 20°C to 180°C
Elastic Recovery, % Approx.	> 80
Tear Strength ASTM D 624, Form B	5 N/mm ²
Shrinkage DIN 53504 S3A	20%
Shelf life in months from production date	12 months



APPLICATION AREAS

- Aluminum / Glass and standard glazing
- Curtain wall jointing.
- Metal to metal joints and duct work sealing.
- Draught proofing. Solar collectors.
- Sealing door / window's frames, tiling, skylights, backlights.
- Realizing a flexible joint in assembling sink and decorative parts.
- Sealing works in air conditioning systems.
- Sealing Shop windows and greenhouses.
- Automobile and windshield glass fixing.

Application method: Surface must be clean, dry and should be free from oil, grease, dust and frost. After suitable joint preparation and masking, attach the nozzle to cartridge, cut to required dimension and the sealant is gunned into gap continuously and tooled within 5 minutes. Do not use in totally confined spaces because the sealant requires atmospheric moisture to cure.

Handling and Storage: No special precaution has to be exercised. Always follow appropriate personal and industrial hygiene practices. Avoid direct contact with eyes, skin. Keep out of reach of children. Refer MSDS for further information. Store below 25°C in a cool dry shaded area.

Note: The information in this data sheet is given in good faith but without warranty, as conditions of storage and use may vary which is beyond our control. User is requested to determine whether the STRONG SEAL products are fit for a particular purpose and suitable for user's method of use and applications.



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