

MULTIPURPOSE SILICONE

DESCRIPTION

- One part acetoxy based sealant which cures at room temperature with atmospheric moisture to form a rubber like seal.

PROPERTIES

- Mould resistant.
- High flexibility and adherence to many substrates (sanitary wear, marble, glass, china, etc.)
- Good resistance to chemicals and unaffected by high or low temperatures and humidity.

APPLICATIONS

Sealant for:

- Carpentry and the like (glass in doors and windows, etc)
- Especially recommended for plumbing work in bathrooms, kitchens, sinks etc
- DIY (homes, automobiles and boats).
- General industrial purposes.

TECHNICAL CHARACTERISTICS

- Properties of uncured material:

Description	Result	Quality control
Appearance	Paste-consistency	Yes
SAG	0 mm	No
Tack free time (at 23°C and 55% R.H.)	>25 min	Yes
Curing thickness (at 23°C and 55% R.H.)	2-3 mm/day	No
Specific gravity	0.93 g/ml	No
Application temperature	+5 a +50°C	No

- Properties of cured material (1 week, at 23°C and 55% de R.H.)

Description	Result	Quality control
Appearance	Rubber consistency	Yes
Shore A Hardness	13	No
Modulus at 100% elongation	0.35 M Pa	No
Tensile strength	1,2 M Pa	No
Elongation at break	400 %	No
Service temperature	-50 a +150°C	No

- Chemical resistance

Description	Result	Quality control
Water, soapy water, salt water	Excellent	No

Diluted inorganic acids and alkalis	Very good	No
Mineral oil	Very good	No
Oil, fuel, hydrocarbons	Very good	
Other products	For further information visit our	

APPLICATION METHOD

Clean surfaces to be joined or sealed with soapy water or alcohol and allow to dry.

For best results on glass and enamel, do not prime.

Cut off the end of the cartridge and screw on the nozzle, cutting it to the required length. Place the cartridge on the gun and apply a string of MULTIPURPOSE SILICONE over the surface to be sealed and smooth the joint with a moistened finger or spatula.

For a better finish, it is advisable to protect the surface with adhesive tape and smooth with a spatula, removing the tape before the skin has formed.

– PERFORMANCE

The performance for each MULTIPURPOSE SILICONE cartridge can be calculated approximately with this formula:

$$L = \frac{V}{W \times D}$$

In which:

L = Sealant length in metres / MULTIPURPOSE SILICONE cartridge.

V = volume of MULTIPURPOSE SILICONE cartridge.

W =Width of joint in mm.

D =Depth of joint in mm.

– TREATMENT AFTER CURING

The surface in contact with MULTIPURPOSE SILICONE cannot be painted or varnished.

STORAGE AND SHELF LIFE

Stored in its original container and in a cool, dry place, this product maintains its properties according to the following chart.

Container	PREFERENTIAL PERIOD USE
Plastic cartridge	18 months
Aluminium tubes	18 months

PRESENTATION

For further information visit our website www.unecol.com

COLOUR

MULTIPURPOSE SILICONE is available in the following colours: White, translucent.

CLEANING

Uncured product is easily cleaned using soapy water or alcohol. After curing, MULTIPURPOSE SILICONE can only be cleaned mechanically.

SAFETY PRECAUTIONS

For further information see our safety data sheet.

The above mentioned data is based on our better experience and knowledge, but should be understood as specifications. The end user is responsible for verifying the suitability of the information provided, according to the specific use of the product