

BARBEGLUE ISOCOLL ECO

GENERALITIES:

"BARBEGLUE" Isocoll ECO 6056 is a one-part Silyl-Terminated Polymer Adhesive-Sealant. Once extruded it cures by reaction to the atmospheric moisture to form a high performance elastic adhesive.

- Free of isocyanates and solvents, no hazard symbol required
- Odourless
- Excellent extrusion
- Remains highly elastic after cure
- High surface hardness
- Overpaintable after cure
- Increase torsional stiffness of final assembly
- Vibration and sound damping properties
- Excellent weathering resistance - extremely good colour stability and UV resistance

APPLICATION:

BARBEGLUE ISOCOLL ECO 6056 is used in the automotive and transport, buses, motor homes, caravans, commercial vehicles, containers. Suitable for sealing and bonding of various substrates such as glass, mirrors, marble, porcelain, wood, aluminium - painted aluminium, steel - stainless steel, iron, brick - cement, plasterboard panels, polyurethane, polystyrene, stone, plumbing - roofing, industrial wall joints, joints timber flooring, including tile joints, cracks and crevices.

CHARACTERISTICS:

| | | |
|---------------------------------------|---------------------|-------------------|
| COLOUR AND APPEARANCE | white or grey paste | |
| DENSITY | ~1,42 | g/cm ³ |
| TACK FREE TIME AT 23°C AND 50% R.H. | 30 | min |
| CURING TIME AT 23°C and 50% r.h. | 3 | mm/24h |
| SHORE A HARDNESS | 45 | |
| ELASTIC MODULUS at elongation at 100% | 1,10 | N/mm ² |
| TENSILE STRENGTH | 2,10 | N/mm ² |
| ELONGATION AT BREAK | ~400 | % |
| APPLICATION TEMPERATURE | + 5 / +50 | °C |
| TEMPERATURE RESISTANCE | -40 / +100 | °C |

USAGE ADVICE

Use the adhesive with manual or pneumatic guns. Surfaces must be clean, dry, free from oil, grease, dust or rust that could decrease adhesion characteristics.

Cleaners and/or primers may be required to achieve optimal adhesion.

BARBEGLUE ISOCOLL ECO 6056 may be over-painted with the majority of products used in industrial applications. Drying time of alkyd resin based paints may increase.

Warning: due to the large number of materials and varnishes available we suggest a compatibility test before application and industrial process.

In case to Cu-alloy bonding, it is strongly suggested to verify adhesion after oven conditioning of sample at 50°C for 15 days (fast aging test).

Avoid the contact of fresh (not cured) adhesive

PACKAGING

| | |
|-------------------------|------------------------------|
| PE cartridges 290 ml.: | 12 cartridges per box |
| Alu-PE unipack 600 ml.: | 20 bags per box (on request) |

STORAGE:

Can be stored for 24 months in its original packing at 5°- 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from heat sources.

The information contained in this leaflet and the suggestions on how to use our products correspond to the current state of our scientific and practical knowledge. However, there aren't any warranty or liability on the final result of the carried out work using our products due to the variability of the materials and application conditions that go beyond our control. We therefore recommend to carry preliminary tests out also in relation to the subsequent applications foreseen for the product and the operating conditions of the finished product. This revision annuls and replaces any other previous ones.

Date: March'21; **version n° 04**

- THIS TECHNICAL SHEET HAS NOT TO BE CONSIDERED AS A PRODUCT SPECIFICATION -