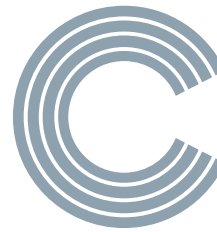


URKISEAL 4000

Polyurethane for Car Windows



DESCRIPTION

1K polyurethane putty that repairs quickly by reacting with air humidity to form an elastomer with high mechanical properties. It is particularly suitable for the rapid replacement of glass, so that a vehicle is available within 3 hours in conditions of 23°C and 50% RH. The availability time increases for lower temperatures and humidity.

COLORS

Formulated in the most common color for sealing windows.

URKISEAL 4000

9005

SURFACE PREPARATION

Preparation of the new glass

1.- The surface of the glass must be clean and dry. Use a clean, dry cotton cloth, moisten it with URKISOL 88 and wipe it around the edge of the glass. Allow to dry for at least 3 minutes after wiping with a clean, dry cloth.

2.- Apply the URKISEAL 4020 primer. Shake the container to ensure homogeneity. Apply the primer with a brush or swab on the prepared surface. The putty can be applied once the primer is completely dry.

Bodywork preparation

URKISEAL 4000 can be applied directly on the old polyurethane wire, just cut.

Attention: URKISEAL 4020 primer must not be applied on the old putty wire.

In certain points, points where the frame is bare or we do not know the nature of the product on which the joint will be made, URKISEAL 4020 primer must be used to obtain a perfect adhesion.

Check that the URKISEAL 4020 is homogenised. Apply with a brush or swab. Allow to dry completely before applying URKISEAL 4000.

USE

Extrude the wire of the putty onto the body frame or glass frame properly primed and dry. After extrusion, the glass must be placed before the end of the sticky time.

URKISEAL 4000 will start polymerising as soon as it is exposed to air humidity, following the polymerisation process towards the interior of the exposed surface.

Extrusion ratio: (23°C, ø 4 mm. and 4 bar): 60-90 g/min. approx. The optimum application conditions are at 23°C and 50% RH.

 <p>Drying Time 23°C y 50% HR</p>	<p>25-40° 3.5 mm -1 N/mm² after 24 hours.</p>
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DRY FILM CHARACTERISTICS

Shear strength (MPa)	>4.5 minimum
Breaking resistance (MPa)	6 minimum
Breaking elasticity (%)	700 approx.
Shore A hardness	60-65 approx.
Vehicle availability	3 h with two airbags (Crash test FMVSS 212)

SAFETY INSTRUCTIONS 

The use of appropriate personal protective equipment is recommended during application, to prevent the irritation of the respiratory tract, skin and eyes. For professional use only.

STORAGE 

Keep in a tightly covered container, in a dry and ventilated place, avoiding direct exposure to sunlight. Temperature above 5°C is recommended, between 15 and 30°C optimal.

Duration in the packaging: 9 months from manufacture in original unopened container. After that time, consult with BESA's Technical Department.

VOC 

The VOC content of URKISEAL 4000 is a maximum of 540 g/l. It complies with the European regulation 2004/42/EC IIB(C) (540) <540 g/l.

The information contained in this Technical Specification Sheet is based on the knowledge and experience of the BESA technical department, and with it it's intended to advice and inform, being the responsibility of the user to take the necessary measures to guarantee the intended purpose of the product. **FOR PROFESSIONAL USE ONLY.**
