

URKISEAL 3000
POLYURETHANE SEALANT

APPLICATION

URKISEAL 3000 is a 1K, elastic, polyurethane-based sealer, drying through air humidity. Good rust protection and antivibration properties. Good resistance to water, sea water, diluted weak acids and caustics, lubricants and oils. Used on Automotive, bodywork, container and caravan construction, ventilation, air-conditioned, cold-storage rooms, railway, shipbuilding, steel construction and general maintenance. It is recoatable by a wide variety of paints (synthetics are not suitable) and sanded once polymerized.

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	1,15 ± 0,03
Appearance	Viscous and thixotropic paste
% Solids content (weight / volume)	93 % min. weight
V.O.C. (g/l)	<540 (Ready to use) - (2004/42/CE) IIB (C) (540)
Type of product	Single component polyurethane
Colour	Black 9005, Grey 7000, White 9010

SURFACE PREPARATION

Surfaces must be clean, dry and free of grease and dust. Release agents must be removed.
Degrease with URKISOL 88.
Do not use alcohols to clean bonded parts. Alcohols block curing of PU sealants.

APPLICATION INSTRUCTIONS

(Between 5°C and 35°C)

Extrude the sealant on the supports to be joined. Time of joining cannot exceed the skin forming time (<60 min at 23°C and 50%HR).

URKISEAL 3000 can be used on steel, polyester, glass, stone, wood, cement,...On stainless steel, and Galvanized after sanding. Previously prime with URKISEAL 4020.

ATTENTION: ADHESION AND COMPATIBILITY WITH PLASTICS AND OLD PAINTS HAS TO BE TESTED BEFORES USE OR CONSULT OUR TECHNICAL DEPARTMENT.

Extrusion Rate (ø 6 mm., and 3 bars.) : > 400 gr. min. aprox.



curing: aprox.
4 mm/day
at 23°C
and 50% HR

FEATURES OF DRY FILM

Tensile Strength (Mpa)	0,6 aprox.
Elongation at Break (%)	600 aprox.
A shore Hardness	45 aprox.
Second layer	2 h. min. (not with synthetics)
Temperature stability (°C)	Between -40°C + 90°C

STORAGE

Keep under cover in a cool and well-ventilated place avoiding direct sunlight. Temperatures between 5 and 25°C recommended.
Can life: **12 months** from manufacturing date in its original unopened container. Consult our Technical Department once date has expired.