



Acripol FR

Let's shine

High-solid, acrylic polyurethane resin

CHARACTERISTICS

ACRIPOL FR is a high-quality two component, transparent, high-solid resin, based on acrylic resins with aliphatic polyisocyanate hardener, specifically designed for the protection of interior and exterior concrete surfaces. The formulation guarantees high gloss and excellent resistance to environmental factors with chromatic stability to UV rays, as well as to various chemicals with good resistance to diluted acidic and basic solutions, saline solutions used as antifreeze on roads, fuels, oils and lubricants and provides high elasticity.

ACRIPOL FR can be applied as a finish on top of an epoxy primer to provide greater, more effective protection to the treatment and increase ease of routine cleaning.

HOW TO USE

PREPARATION OF THE SUPPORT: The surfaces where **ACRIPOL FR** is to be applied must be clean, dry, free of oil, grease or any substance that could prevent good adhesion. Very porous surfaces or surfaces with craters and cavities, for example formwork concrete, must be smoothed beforehand with an epoxy-cement skim coat like **UNICO TRI-EPOXY**.

PREPARATION OF THE PRODUCT: pour component B into component A at a ratio of 1:2, then mix at low speed for 4-5 minutes with a helix/spiral drill, incorporating as little air as possible by moving both the bottom and sides of the bucket.

APPLICATION: apply when RH is below 80%. For exterior applications, do not apply on rainy days and apply only on completely dry surfaces at temperatures between 10°C and 30°C, avoiding applying on surfaces heated by the sun. **ACRIPOL FR** can be applied by airless spray in one or two coats in thin layers, with an average consumption per coat of approx. 80–100 g/m² (10-12 m²/kg). It may also be applied by brush or

Let's shine is a line:

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Components **A + B**



A 4 kg +
B 2 kg

roller. In this case, we recommend (for poorly absorbent surfaces) slightly diluting the product with a polyurethane solvent and applying several light coats with a short pile Mohair roller (for polyurethanes) to prevent the formation of unsightly micro bubbles.

ACRIPOL FR può essere applicata a spruzzo airless in una o due mani in strati sottili, con un consumo medio per mano di 80 - 100 g/m² circa (10-12 m²/kg).

Sono possibili anche applicazioni con pennello, rullo per le quali si consiglia (su superfici poco assorbenti) di diluire leggermente il prodotto con solvente per poliuretano ed applicare più strati leggeri con rulli tipo Mohair a pelo corto (per poliuretane), onde evitare la formazione di antiestetiche micro-bolle.

■ USAGE AND HARDENING TIME

Workability time varies depending on temperature. On average, consider the following ratio:

Temperature 10°C = POT LIFE 6 hours

Temperature 20°C = POT LIFE 4 hours

Temperature 30°C = POT LIFE 3 hours

■ APPLICATION DATA

Pot life at 20°C		4 hours	
Application	airless	Diluition	0-5% Feder 2001
		Nozzle diameter	0.009-0.011 in
		Pressure	150-180 atm
		Compression ratio	30 : 1
Application	air spray	Diluition	10-20%
		Nozzle diameter	1.2-1.4 mm
		Pressure	3-5 atm
Application	brush or roller	Diluition	0-5% Feder 2001
Hardener time at 20°C – 50% R.U.		To the touch	4-6 hour
		Minimum recoat interval	24 hour
		maximum recoat interval	48 hour
		Chemical resistance	7 days

■ WASHING OF TOOLS

Equipment used to prepare and apply **ACRIPOL FR** can be cleaned with **FEDER 2001**.

■ STORAGE

The product must be stored in the original container, tightly sealed, between 10°C and 30°C, protected from direct sunlight and ventilated areas. In these conditions the product has a duration of 6 months from the date of delivery note.

■ LIMITS OF RESPONSIBILITY

We decline all responsibility for work and damage which might result from improper or incorrect use of the product. The indications supplied with our product specifications and instructions for use are the results of accurate laboratory tests and experience in the field. However, as it is not possible to forward other evidence, when the products are used, these indications shall not be binding and do not imply liability on our part. As well as following good working practices, before applying the product we recommend you read the safety recommendations and the directions on the package.

For the best professional results, it is advised to test a small area first, for compatibility with the surface to treat and the desired effect. This preliminary testing is also useful to determine the consumption according to the characteristics of the material the product will be used for and to the type of processing.

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PRODUCT FOR PROFESSIONAL USE

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