

OUTDOOR PRODUCTS

COLORFLEX

Waterborne elastomeric covering

Single-component water-based elastomeric coating for the protection of concrete structures. Low water uptake and good resistance to weathering.

Description

Easy-to-use one-component product based on copolymers of acrylic esters in water dispersion. After drying, an elastic film is formed, particularly resistant to bad weather and with low dirt retention. The product has a good permeability to water vapour, a good resistance to water absorption and CO₂ penetration.

Use

Elastomeric protection of concrete structures, such as: bridges, viaducts, water towers, etc. Protection and waterproofing of precast concrete and plasters, even micro-cracked. Anti-UV coating for covers in bituminous sheaths, both old and new.

Preparation of the support

Very absorbent and chalking substrates should be consolidated with FIBROPROTEX PRIMER. Cement supports must be left to properly season. On non-absorbent surfaces, a recovery of FONDO PER PIASTRELLE. To restore missing parts and shave surfaces, use premixed mortars.

Application

COLORFLEX should be applied without dilution, using brush or roller, on clean, dry, dust-free and mold-free substrates. COLORFLEX can be used to impregnate fiberglass fabric. Product consumption is about 0.30 l/m².



Warnings

Different production batches of the same color may have small differences: where possible use material from a single production batch.

Product for professional use, the buyer undertakes to follow the above warnings in the application of the purchased product and the instructions in the safety data sheet.

Technical specifications

PRODUCT DATA	
Colour	White or on request according to RAL folder (for minimum batches of 400 liters)
Specific gravity (at 25°C)	1,46 +/- 0,05 g/ml (rif. RAL 7001)
Viscosity (at 25°C)	9.000 +/- 1.800 mPascal (spindle 3, rpm 12, rif. RAL 7001)
Dry residue	69% by weight and 54% by volume (ref. RAL 7001)
Flash point	None
Solvent for cleaning tools	Water
Hazard symbols on labels	None
Storage	12 months, store in a dry place at a temperature between 5°C and 35°C

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

COLORFLEX • Technical sheet • 05/11/2025

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APPLICATION DATA AND TIMING

Dry to the touch (50% R.H.)	at 5 °C 3-4 hours at 25 °C 70-90 min at 30 °C 30-50 min
Coverage (50% R.H.)	at 25°C 8 hours
Environmental conditions of use	Temperatures between +5°C and +30°C and R.H. < 80% (*)
	(*) The temperature values of the media must also be included in the indicated parameters-

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