

METALCRIL 12J

NON-YELLOWING PROTECTIVE
AND WATER REPELLENT
FOR LOW-POROUS SURFACES



DESCRIPTION

METALCRIL 12J is a liquid, single-component, low-viscosity, ready-to-use product that penetrates by capillary absorption into concrete artifacts. METALCRIL 12J contains special thermoplastic polymers with high temperature of thermal distortion that exerts consolidating, hydrophobizing and protective action towards treated materials, reducing the absorption of oils, water, dirt, etc. The substrate treated with METALCRIL 12J shows no tendency to yellowing. It is resistant to washing, not sticky therefore with low dirt retention. The resulting film has a semi-gloss finish. METALCRIL 12J is particularly suitable for anti-dust treatments on industrial floors. METALCRIL 12J can also be used as a surface curing agent on concrete.

FIELDS OF USE.

METALCRIL 12J is a specific product for the consolidation and protection of concrete artifacts. It is excellent for treating floors inside rooms such as garages, warehouses, cellars, etc. and outdoor surfaces such as yards, parking lots, driveways, courtyards, etc.

A significant application advantage of METALCRIL 12J is that it allows the application of the protective dust treatment even on cement surfaces that have not yet fully cured.

METALCRIL 12J can be applied as early as 8 hours after the cementitious surface has been made (however, it is recommended to carry out preventive tests).

PACKAGING

3-5-10-25 L pails

CONSUMPTION

Indicative consumption of 100-120 g/m² (per coat) variable depending on the characteristics of the substrate to which it is applied and the method of application. Recommended application in two coats. Rougher surfaces and lower temperatures increase consumption and lengthen the curing time of the material.

FEATURES AND BENEFITS

- Makes the Surface 90% Water Repellent;
- Resistant over time to UV rays and surface moisture;
- Good mechanical strength;
- Good surface hardness.

CERTIFICATIONS

ISO 9001 certified quality management system (Certificate No. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



SUBSTRATE PREPARATION.

All surfaces must be perfectly clean and dry, free of dust, grease or loose parts.

PRODUCT PREPARATION.

The product is ready to use; it does not require any dilution.

METHOD OF APPLICATION

Apply the product by medium-haired roller or spray, either on horizontal or vertical surfaces. Cross the passes avoiding product buildup. For a better aesthetic effect, it is recommended to apply the product in two coats by crossing the passes. Apply at temperatures from +5°C to +35

CURING

The curing time of METALCRIL 20J is affected by the ambient temperature.

Refer to the table below for drying and curing times (at 20°C).

Dry to touch	30 minutes
Waiting time between hands	2 hours
Walkability	24 hours

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CLEANING OF TOOLS

Equipment used for the preparation and application of METALCRIL 12J should be cleaned immediately after use with DILUCRIL solvent.

STORAGE

Shelf life of more than 12 months when stored in original packaging in a dry, moisture-free place. Store at temperatures between +5°C and +25°C.

HEALTH AND SAFETY.

For information on safety regulations, hazard statements and precautionary advice, rely on the latest MSDS by making a request to:

ufficiotecnico@apsebg.it

DISPOSAL

Dispose of contents and/or container in accordance with local regulations.

PRODUCT TECHNICAL DATA

PHYSICAL CHARACTERISTICS (at +20°C)

FEATURE	NORMATIVE	RESULT
Appearance	-	Liquid
Color	-	Transparent
Specific gravity	EN ISO 2811-1	0.86 ± 0.02 g/cm ³
Dry residue (by weight)	EN ISO 3251	Approximately 15%
Operating temperature	-	From -20°C to +80°C
Weathering resistance	-	Excellent

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