

Alcatraf

Description

Synthetic road marking paint for horizontal road signs based on special synthetic resins and fast-evaporating solvents. The special composition gives it characteristics of high coverage and yield, excellent abrasion resistance, good anti-slip properties and colour stability, fast drying. The product can be added with REFLEX microspheres to obtain the refractive effect.

Uses

It can be applied on bituminous road surfaces, industrial flooring, cement substrates.

Surface preparation

In order to obtain excellent results, it is of prime importance to accurately clean the substrate.

On bituminous conglomerate: ensure that the substrate is dry, firm and free from surface residues (oil, grease, sand, dust, old chalking/peeling paints).

On concrete: ensure that the substrate is dry, firm and free from surface residues (oil, grease, sand, dust, old chalking/peeling paints). In case of smooth surfaces, coarsen in order to promote adhesion. If necessary, consolidate with SOLVEX (at least 24 hours before applying ALCATRAF) or, alternatively, with BOSTON PRIMER.

Application

Before applying, accurately mix the product until uniform colour and consistency are obtained. Apply ALCATRAF with suitable spray machine or, exceptionally, with wool roller. A single coat is generally sufficient, although it is possible to apply a 2nd coat wet-on-wet. Possibly, apply at temperatures between 5°C and 35°C. Do not apply on ice-cold surfaces, in presence of strong wind, in imminence of rain or with relative humidity higher than 65%.

Dilution

Add 5-10% of DILUENTE N for roller applications, 10-15% of DILUENTE N for spray applications.

Cleaning tools

With DILUENTE N immediately after use.

Storage

6 months in sealed container, away from sources of heat, in a cool and ventilated place, repaired from frost.

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Technical data

PRODUCT	Road marking paint
SPECIFIC WEIGHT	1,450 ± 0,050 kg/l
VISCOSITY	2000 ± 200 cP Brookfield at 23°C
GLOSS	Matt
COLOUR	White, yellow, blue, red, black
RECOMMENDED THICKNESS	90-100 µm for each coat
RECOMMENDED COATS	1 coat (if necessary, a 2 nd coat wet-on-wet)
APPLICATION METHOD	Road marking spray machine (air-mix): nozzle Ø 1,4-1,6 mm pressure 3-4 atm Airless: nozzle Ø 0,25-0,4 mm compression ratio 30:1 spray pressure 150-180 atm (max. 15% DILUENTE N) Wool roller
THEORETICAL YIELD	3-4 m ² /l for 1 coat
DUST-FREE TIME	ca. 5 minutes
TOUCH-DRY (23°C)	20-30 minutes
DEEP-DRY (23°C)	1-2 hours

REV 1/2025

The aforementioned technical notions regarding the application and correct use of the product do not imply liability of Alcas Italia S.r.l. for use and application of the products themselves. Due to the unpredictable variability of application conditions, the USER must verify with direct tests the suitability of the product for each peculiar use. We reserve the right to modify the content of this document, without notification. As soon as a new version of these technical data sheet becomes available, this one won't be valid any longer.

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