

APSEPRIMER NS FRP

EPOXY PRIMER
FOR ALL TYPES OF SURFACE

CHARACTERISTICS

Special primer based on epoxy resins equipped with exceptional adhesion to concrete, carbon steel, aluminum, galvanized steel, ceramic material, wood, etc. High adhesive power Can be recoated after a long time with any coating after adequate preparation Easy application by brush, roller and airless spray (180 ATM nozzle 26-31). Applicable starting from +8°C. Operating temperatures from -25°C to +110°C (in air). Pigmentable with suitable color paste.

FIELD OF USE

TOTALPRIMER NS 44 is an adhesion primer neutral in color , extremely versatile with high adhesion power on all non-porous surfaces and on which it is possible to apply any type of resin. Not usable on polyurethane rubber, Teflon, etc.

APPLICATION

Two-component product to be mixed carefully before use, apply with a brush or roller, or airless spray as is or diluted with 5-10% of DILUEPOX thinner, with one consumption of 200 g/m². For airless application use nozzles from 0.026"-0.031" with a pressure of at least 180 bar. When applying on vertical surfaces, they must avoid dripping and do not exceed the indicated consumption. Avoid thicknesses that are too high.

SURFACE PREPARATION

Carbon steel: SA2½ blasting,
Galvanized steel and aluminium: cleaning with solvents or detergents, brushing for surfaces oxidized.
Concrete, cement, ceramic, tiles, stoneware: thorough cleaning with suitable washing and sandblasting or shot peening. The tools must be cleaned immediately after use carefully washed with DILUEPOX.

CONSUMPTION

approx. 200 g/m² per layer

PACKAGING

Kg. 10+2.5 (A+B)

STORAGE (12 months, if stored in well-closed containers and in a cool, dry environment and at a high temperature between +5°C and +25°C.

HEALTH AND SAFETY WARNINGS RISKS

Irritating to eyes and skin.

PRECAUTIONS

Keep out of the reach of children. Avoid contact with eyes. Wear suitable protective eyewear. Avoid prolonged or repeated contact with skin. Wear suitable gloves. Wear protective clothing. Wash soiled clothing before reuse. Refer to the specific SDS.

FIRST AID

Wash the exposed skin on contact with water and soap. In case of contact with eyes, rinse thoroughly with clean water. For difficulty in breathing, move the person to fresh air.

DISPOSAL

To be filled in compliance with local laws.



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TECHNICAL DATA :

PRODUCT IDENTIFICATION DATA	
Product Form	Straw Liquid
Colour	Pigmentable Yellowish
Viscosity	Coppa Ford 4 35" +/-5
Catalysis Ratio	100 parts in weight Comp. A 25 parts in weight Comp. B
Useful life at 20 C	2 hours (EN ISO 95/4)
Consumption (in theory)	C.ca 200g/mq
Thickness (in theory)	140 µm
Dry Residue	100% to weight
Usable Maturity	12 hours at +25C
Overlap	min.20/27 Hours - max. 7 days
Complete Hardening	7 days
Tensile strength and adhesion strength	>3 Mpa, cracking of concrete (EN 13892/8)
Mass Volume	1.45 +/- 0,5Kg/L (EN ISO 2811-1)
Storage & Preservation	12 months if stored appropriately in the original packaging and in a dry place without humidity. Be ware of frost.
Danger classification according to 2nd Direct. 1999/45/CE	Before use, consult the "Safety Warnings" paragraph and the information on the packaging and safety data sheet.



TOTALPRIMER NS 44 complies with the minimum principles defined by the Law EN 1504-4:2004 Products & systems for protection and repair of concrete structures Definitions, requirements, control of quality and evaluation of compliance — Part 4: Bonding structure.

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