

MULTIFACE HYDRO

Waterborne modified acrylic primer



DEFINITION

Waterborne universal primer.

INTENDED USES

Coating for various substrates :

- Crude steel (indoor only). For external use, Zincolac or Zincolac"O" must be applied as topcoat.
- Galvanised steel
- Non-ferrous metals (aluminum, zinc, copper)
- PVC (gutter type, electrical plinths)
- Old paint (in good condition)
- Wood and derivatives

New and maintenance works.

PRINCIPAL CHARACTERISTICS

- Excellent adhesion
- Recoverable by all types of topcoat (acrylic, alkyd, PU) in aqueous or solvent phase
- Quick drying
- Low odor
- Protective layer against oxydation

TECHNICAL DATA

Gloss level	: Mat
Colours	: White, other tints please consult us
Number of components	: 1
Specific gravity	: 1,43 +/- 0,05 g/cm³
Solids volume	: 42,0 +/-3%
Solids weight	: 58,5 +/-2%
Typical thickness (dry)	: 40 µm
Typical thickness (wet)	: 95 µm
Theoretical spreading rate	: 10,5 m²/l for 40 µm dry



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INSTRUCTIONS

SURFACE PREPARATION

The preparatory work will conform to DTU 59-1.

New steel

Abrasive blast cleaning to Sa 2 ½ according to ISO 8501-1 : 2007.

Galvanised steel and Zinc

Fine abrasive brushing or pickling with METONET followed by clear water rinsing.

Aluminum

Fine abrasive brushing or light sanding followed by a dusting.

Inox

Scan by abrasive blasting or sanding.

Rigid PVC

Degreasing, light sanding followed by a dusting. It is necessary to perform a suitability test : application followed by an adhesion test after complete drying.

Old surfaces

The non adhering ancient coats of paint will be eliminate, the corrosion points will be treated by brushing/scrubbing to achieve a P St2. In all cases, it is necessary to perform a test of convenience (application followed by an adhesion test after complete drying) to validate the compatibility of products.

APPLICATION

Substrate temperature : Between +5°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation.

Weather conditions : The temperature should be between 10°C and 40°C
The relative humidity should be between 0% and 85%

AIRLESS SPRAY

Thinner : Water

Dilution : 0 to 5 %

Nozzle : 0.013-0.017

Pressure at nozzle : 150-200 bars

Report pump mini : 30/1

AIR SPRAY

Thinner : Water

Dilution : 5 to 10 %

Nozzle : depends on the equipment used.

Pressure at nozzle : 3-5 bars

BRUSH

Thinner : Water

Dilution : 0 to 5%

ROLLER

Thinner : Water

Dilution : 0 to 5%

CLEANING SOLVENT : Water

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CURING TIME

Temperature	Drying time		Overcoating interval	
	Touch dry	Hard dry	Minimum	Maximum
10°C	2 hours	3 hours	5 hours	Non critical
20°C	1 hour	2 hours	3 hours	Non critical
30°C	0 hour 30	1 hour	2 hours	Non critical

COMPATIBILITY

Previous coat(s)	Itself, MONOPRIMER 58-86, FERROSOTER PRIMAIRE, PRESTOPRIM A/C, EPODUX PRIMER 61-134 V01,...
Subsequent coat(s)	Itself, STRIACRYL "O", ZINCOLAC, ZINCOLAC"O", FERROSOTER PC, POLYSTRIA V01, AQUASTRIA, DECONATURE....

REGULATORY SPECIFICATIONS

AFNOR RATING	AFNOR NFT 36005 rating Family I Class 7b2
VOC (Directive 2004/42/EC)	EU limit value for this product (cat. A/i) : 140 g/l (2010) This product contains max 70 g/l VOC

HEALTH AND SAFETY

Flash point	Not relevant
Transport and labelling	Refer to the safety data sheet established as per applicable European directives
Shelf life	2 years minimum in original full, sealed packaging. Store away from freezing and high temperature.
Precautions	Refer to the current material safety data sheet

PACKAGING

Packaging
1 l
2.5 l
10 l