

HELVEPRIM

Water-borne cationic stain blocking primer
with outstanding adhesion

- ✓ Excellent stain blocking behaviour
- ✓ Strong adhesion
- ✓ Good opacity
- ✓ Multisubstrates
- ✓ Compatible with any type of top coat

Indoor
Decoration
PRIMER



DEFINITION

Water-based cationic primer based on epoxy ester, with good substrate sealing and anti-stain properties. Provides also excellent adhesion on many substrates.

USES

WORKS: new, renovation or maintenance.

LOCATION: interior or exterior.

DESTINATION: walls and ceilings, woods and non-ferrous metals. HELVEPRIM has excellent stain blocking behaviour, especially with: coffee, nicotine, pen and felt, red wine, oil, grease, black smoke, traces of dry moisture, graffiti, tannin.

PACKAGING AND TINT

- 10 L (drum) – 4 L or 1 L (can).
- Available in white.
- **Do not tint HELVEPRIM: complete incompatibility with all kind of colorant.**

APPLICATION

Conditions for work execution in compliance with the standards and rules for substrate preparation and application.

WELL PREPARED SUBSTRATES:

- rough concrete and industrial products in concrete, blocks or slabs of cellular concrete,
 - rendered concrete or masonry,
 - fibre cement boards,
 - bricks and facing stones,
 - plasters, gypsum blocks, gypsum plasterboards,
 - fiberglass wallpaper,
 - woods and wood panels,
 - fillers,
 - similar substrates covered by sound and adherent compatible paint coats,
 - tiles, glass,
 - cleaned non-ferrous (galvanized steel, aluminium, zinc, copper...).
- Not previously mentioned substrates: please contact us.

CAUTION:

Do not apply on ferrous metals.

Not recommended on plastics (PVC, polycarbonates ...), make a preliminary adhesion test. HELVEPRIM is not miscible with other products: do not blend with other water-based paints.

Always use a clean and dry tool. Always work on dry substrate. Cellars or wine cellars: adapt ventilation during and after application. Do not use in a confined environment.

Outdoor: do not apply on wood with cracks or low impregnability wood.

For stains other than those listed in § Destination above, perform a preliminary test. If it does not work properly, use a solvent-borne primer, like GALVAPLAST 2000, GLYCOPRIM'FER or GLYCOPRIM'R depending on the substrate.

Interior: Do not apply by temperatures below 8°C and with Relative Humidity (RH) above 70%.

Do not apply on timber containing more than 12% of humidity by weight.

Exterior: Do not apply by temperatures below 5°C and with Relative Humidity (RH) above 80%.

Do not apply on timber containing more than 18% of humidity by weight.

SURFACE PREPARATION:

Make sure surfaces to be painted are sound, clean and dry (<5% of water by weight)

Remove all loose and defective paints or incompatible coatings.

Rinse thoroughly with clean water any chemical residues, if needed.

When necessary, wash the surface to remove dirt, grease and powdery or dusty residues. Rinse with clean water and allow to dry.

Seal powdery surfaces with an appropriate sealer.

Any surface defect should be treated with an appropriate filler.

Treat lichens and mould with FONGIMUR (see datasheet).

THINNING: ready to use.

Any HELVEPRIM dilution can alter the stain blocking capabilities.

TOOLS:

- Brush for acrylic paint.
- Woven polyamide roller (8 to 14 mm).
- Airless spray: nozzle Ø 0.013 to 0.017 inch and filter of 180 mesh.

SPEADING RATE:

11 to 13 m²/litre and per layer.

Variation of 20 to 30% can occur depending on substrate porosity, texture and application tools.

DRING TIME (23°C, RH = 50 %):

Touch dry: 30 min.

Recoat: 4 hours.

Difficult stains to block: 24 hours.

TOOLS CLEANING: with clean water, immediately after use.

HELVEPRIM

APPLICATION MODE:	Powdery / porous / friable substrates	Sound, adherent paints	Non-ferrous metals	Substrates with stains	Wood with tannin
Préparation	brush the substrate	sand and rinse silk or gloss paints	degrease, clean (aluminium, zinc, galvanized steel) and rinse properly ; sand copper	clean to limit the stain ; let dry	degrease if necessary ; rinse
Sealer	PLEXIFILM E diluted	-	-	-	-
Primer ⁽¹⁾	HELVEPRIM			1 to 2 coats of HELVEPRIM separated by 24 h ; a coloration of the 1st layer is possible	
Intermediate/Top coat ⁽²⁾	SOFRAMAP paint (acrylic or alkyd): 2 coats				

⁽¹⁾ The substrate must be completely dry. For difficult stains to hide, spot prime them with HELVEPRIM, let dry for 24 hours before applying a general 2nd layer.

⁽²⁾ Finishing aspect depends on the preparation work. It is mandatory to read the technical datasheets of the products before applying.

PRODUCT IDENTIFICATION

DESCRIPTION:

General function: construction product for which no harmonized standard exists.

Film properties:

- good sealing properties,
- compatible with all type of top coat,
- food integrity (see below).

TECHNICAL CHARACTERISTICS:

Non-volatile matter:

By weight: $59.0 \pm 2,0 \%$.

By volume: $41.0 \pm 2,0 \%$.

Density: $1.45 \pm 0,05 \text{ kg/dm}^3$.

Flash point: non-flammable, water-based product.

In-can aspect: fluid product.

Finishing aspect:

Soft sheen. Smooth finish.

Shelf life : 12 months in its original unopened packaging kept away from humidity, frost and heat.

Quality control: the above characteristics are given by reference to standards relevant for the FPC (Factory Production Control). This FPC is carried out according to certified quality & environmental management ISO 9001 (2015) and ISO 14001 (2015).

HEALTH, SAFETY & ENVIRONMENT

Safety datasheets: available on www.soframap.com or www.quickfds.fr.

Environmental Product Declaration (EPDs): available on www.soframap.com.

Label type II / EN ISO 14021. HSE ecolabel has characteristics equivalent to certified environmental labels.

Food integrity: HELVEPRIM is awarded EXCELL + Bronze certification. No substances capable to alter organoleptic properties of nearby food products are present in the paint. HELVEPRIM is not intended to have direct contact with food products.

***Indoor air quality:** Information about level of indoor air volatile substances able to induce a toxicity risk by inhaling, ranking from A+ (very low emission) to C (High emission) according to French decree n° 2011-321 from March 23rd 2011. HELVEPRIM is classified A+.

VOC (Directive 2004/42/CE): EU limit value for this product, cat. A/g: 30 g/l. The ready mixed product contains max 30 g/l VOC.

OTHER INFORMATION

Life span: 5 years in normal conditions. Can be extended providing appropriate maintenance or recoat if needed.

Maintenance: see datasheet of the top coat.

Waste: in case of leftover paint, please dispose of it responsibly (depends on national regulation).

GENERAL CONDITIONS OF USE

This product, namely a coating product, is a consumer good. The given information results from tests in compliance with relevant regulations and standards. The user shall check before applying that the product is suitable for the intended use, and that the present datasheet is the latest updated version available. Refer also to general terms of sales.

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