

# UNIVERSAL (single-component, waterborne primer)

Cod. S07690  
Rev 004 01/02/17

# CARVER



## DESCRIPTION

Single-component, waterborne, designed for the treatment of absorbent cement slabs.

UNIVERSA is easy to apply by roller or brush and can be over-applied with Carver glues (two-component, PU or MS single-component).

### APPLICATION FIELDS:

- 1) Dust-preventing and solidifying surfacing treatment of cement slabs with up to 2% residual moisture.
- 2) Restoring and damp proofing cement subfloors with up to 3% residual moisture.
- 3) Restoring and damp proofing cement subfloors with up to 5% residual moisture.

Being a water-based product, **UNIVERSAL** is not suitable for anhydrite substrates.

## DIRECTIONS

### VERIFICATION OF SURFACES

- Make sure that the surfaces to be treated are absorbing, clean, with no traces of oil, grease, paint, wax or silicone, nor crumbling or loose pieces. In any case it is advisable to brush with a wire brush and then to remove dust thoroughly. For the repair of any cracks and partial crevices use a synthetic mortar based on EPOPRIMER.

### TREATMENTS:

- **DUST-PREVENTING AND SOLIDIFYING SURFACING TREATMENT OF CEMENT SLABS WITH UP TO 2% RESIDUAL MOISTURE:** check the suitability of the areas to be treated (see above). Check the superficial moisture with an electronic contact hygrometer and register the value. Apply 1 coat of UNIVERSAL assuring its total penetration into the screed. After 24 hours, and within 10 days, check the superficial moisture with an electronic contact hygrometer to ascertain that the measured value is lower than 2% or lower the one which was found before the treatment with UNIVERSAL. Then proceed to glue down the wood floor with one of the Carver adhesives.
- **RESTORING AND DAMP PROOFING CEMENT SLABS WITH UP TO 3% RESIDUAL MOISTURE:** check the suitability of the areas to be treated (see above). Check the superficial moisture with an electronic contact hygrometer and register the value. Apply UNIVERSAL in several passages "wet on wet" until the slab is saturated, making sure that the product is completely absorbed. After 3 but within 12 hours apply the second and third coat. To obtain the best dampproofing result, apply the product with up to 5 cm overlap on the perimeter walls, so that a "basin" protection is created assuring its total penetration into the screed. After 3-5 days, but within 10 days, check the superficial moisture with an electronic contact hygrometer to ascertain that the measured value is lower than 2% or lower the one which was found before the treatment with UNIVERSAL. Then proceed to glue down the wood floor with Carver adhesives EPOCOL PLUS or PU-Z500.
- **RESTORING AND DAMP PROOFING CEMENT SLABS WITH UP TO 5% RESIDUAL MOISTURE:** see the indication of the previous point and proceed to glue down the wood floor with Carver PU-Z500.

■  
Odourless

■  
Compatible with Carver glues (two-component, PU or MS single-component).

■  
Slightly coloured, for an easier application

## NOTICE

- Acclimatize and apply the product at a temperature between +15°C and +35°C. Make sure that room relative humidity degree is between 35% and 75%.
- UNIVERSAL can be applied on damp (max. 5%) but not wet surfaces.
- The product, like the others primers on the market, is suitable for the treatment of screeds containing residual moisture in the pouring, but not for the treatment of surfaces exposed to permanent rising damp.
- Before doing the treatment with UNIVERSAL, it is always advisable to make a test on a small area, in order to check the absorption of the product. In fact, to ensure a good final result, it is necessary that the absorption of the first coat is complete. Otherwise thin the product 20% with water and repeat the test.
- The product can not be used for repair mortars
- UNIVERSAL is not suitable for anhydrite substrates,
- Do not exceed 12 hours between one coat and the other

## TECHNICAL DATA

(based on room temperature of +23° C and 65% of relative air humidity)

Aspect	yellow liquide
Viscosity	12" F4 ± 2" F4
Specific weight	1.03 ± 0.01
Cement slab max. allowed moisture content	5 %
Recoating after / within	2/12 h
Foot traffic after	3 h
Gluing after / within	3-10 days
Coverage per first coat	3-6 m <sup>2</sup> /lt
Coverage per 2° and 3° coat	5-10 m <sup>2</sup> /lt
Thinning	water
Max. allowed thinning rate	20%
Tools cleaning	IDROCLEANER

**For professional use only!**

**Do not dispose of residues in the soil or sewage system!**

**If the original unopened container is stored in a cool and dry place, the product will keep for at least 12 months.**

*N.B.: The information contained in this technical datasheet is to the best of our knowledge and experience, but means provided without any guarantee, since the terms and conditions of use of the product are beyond our control*