



TECHNICAL DATA SHEET

HYDRO-EMP

IMPREGNATED WATERPROOFING MATERIAL

DESCRIPTION:

Water-based, transparent, surface protective emulsion that impregnates the applied surface with water repellency

APPLICATION AREAS:

Used to add water repellency to water-absorbing surfaces such as concrete, plaster, joint filler, brick, gas concrete, travertine, natural stone, slate stone. Also can be used in the restoration of historical artifacts in order to protect them against weather conditions.

ADVANTAGES:

- * Provides high penetration and water repellency.
- * Provides easy use both horizontally and vertically.
- * Transparent, so does not change color of the surface.
- * It does not form a film on the surface.
- * It does not prevent breathing of the surface, does not change the water vapor permeability.
- * Prevents formation of water damages such as algae and mold formation.
- * Prevents frost damage by preventing water ingress.
- * Increases surface properties and extends its life.
- * Cement-based construction chemicals and paint can be applied on it.

SURFACE PREPARATION:

Application surface should be clean, sound, dry and free from dust. Adhesion barrier materials (oil, dirt, etc.) should be cleaned, cement-mortar residues should be scraped. The product does not have crack filling feature, surface cracks must be repaired and dried before the application. Surface should not be wet or damp before the application. Surface should not be wet or damp before the application.

PRODUCT PREPARATION:

- * The product is ready to use.
- * It is shaken lightly before using.
- * It is poured into a clean bucket and applied as first layer to the entire surface with a brush or roller, leaving no gaps.
- * If necessary, the second layer is applied in the same way before the first layer gets dry (max. 4 hours later).
- * Not suitable to use under the ground and in pressurized water.
- * It cannot be applied on low absorbent surfaces such as ceramic, glass, metal.
- * A trial application should be made on the surface before application to check formation of any droplet stains.
- * Ambient and surface temperature should be between +5°C and +30°C during the application.
- * Surface should be protected from direct sunlight, extreme wind and rain during and after the application.
- * Mortar should not be applied on frozen, melting or within 24 hours danger of frost surfaces.
- * Do not use products which is inhomogeneous when mixed, products with a dry film layer on the surface or expired.
- * Should not be applied on unsound, loose and problematic surfaces.

SHELF LIFE:

Unopened original packages can be stored in dry (%60 R.H.) and cool (+5°C /+25°C) environments up to 12 months.

APPLICATION LIMITS:

Drying Time: 8 hours

UNIT CONSUMPTION:

0,15-0,30 kg/m² (210-90 m² / 30 kg package)

NUR KİREÇ SAN. TİC. VE PAZ. LTD. ŞTİ.

Güzel Cumhuriyet Mah. Çimento Bulv. No:23 PK: 01965

Yüreğir/Adana/Türkiye

“NUR YAPI KİMYASALLARI”

Impregnated Waterproofing Material

Appearance

Transparent liquid

Density

1000 ± 50 g/L



GHS07

H335: *It may cause respiratory irritation.*

P305+ *In case of contact with eyes, rinse carefully with water*

P351+ *a few minutes. If available and easy, remove contact lenses.*

P338 : *Continue rinsing.*

