

HYTEC E336 XTREM

VERY HIGH PERFORMANCE 2K EPOXY DAMP PROOF MEMBRANE

KEY BENEFITS

- **Moisture level : no limit**
- **Resists to hydrostatics pressure**
- **Radon barrier**
- **Efficient: form a strong, uniform and continuous coat regardless of the surface moisture content**
- **Can be used onto damp saturated substrates**
- **Does not shrink**



AVIS
TECHNIQUE



APPLICATIONS

DESCRIPTION

HYTEC E336 XTREM is a two-components membrane for suppressing residual construction moisture and rising moisture in cementitious subfloors, screeds and old tiles prior to applying self-levelling compound and laying soft or hard floor coverings. Suitable for use in both new-build and renovation project.

DESTINATION

Rapid system in combinaison with our special primer GRIP A936 XPRESS.
For interior use only.

Areas of application :

- Raw concrete
- Helicopter-surfaced concrete
- Precast concrete
- Cement screed
- Old cement-based supports
- Old tiles, terracotta tiles
- Metal

PRODUCT CHARACTERISTICS

Composition / colour	2 components epoxy resin Part A : yellow Part B : pale amber
Application temperature	+20°C
Working time*	2 hours at +10°C 30-40 minutes at 20°C 15-20 minutes at +30°C
Curing time* / Floor installation	24 hours at +10°C 18 hours at 20°C 12 hours at +30°C
Coverage	B2 : 400g/m ² C1 : 800g/m ² Sand = 3 to 4 kg/m ²

*these times are determined at + 23° C and 50 % relative humidity on normally absorbent substrates

SUBFLOOR PREPARATION

CLEANING PREPARATION

Preparation should be in accordance with building standards. Subfloors must be clean, sound, of adequate compressive and tensile strength (at least 25 MPa and 1.5 MPa respectively after 28 days cure for new concrete). They must be free from laitance, cracks and structural defects, clean and free from dust, grease, curing compounds, sealers or any other contaminants that would inhibit proper bond. During application, the substrate must not be subject to water seepage and hydrostatic pressure. Depending on subfloor condition and type, subfloors are treated by grit blasting, mechanical sanding, sandblasting, high-pressure water washing or chemical stripping. After mechanical treatment of a subfloor, thoroughly vacuum all dust.

METHOD OF USE

MIXING

Slowly add the hardener into resin (part A + B) while mixing, mix thoroughly for 2 to 3 minutes with an electric drill and mixing paddle (speed: not more than 300 rpm in order to avoid air bubbles formation).

APPLICATION

Apply HYTEC E336 XTREM (part A+B) with a spatula n°B2 on smooth subfloor (400g/m² depending on roughness, porosity and temperature of the substrate). On substrates likely to suffer from hydrostatic pressure, a second coat HYTEC E336 XTREM should be applied after the first (B2 spatula, 300g/m²) is set for walking (18 hours at 20°C). For Broadcast the sand only into the second coat. The barrier moisture can be done in one single coat, using spatula n°C1 directly on the substrates to reach 800 g/m².

TWO METHODS OF APPLICATION

1. SAND APPLICATION

Broadcast a uniform layer of sand S409 into still wet coat of resin, ensure that the whole area is covered with excess of dry sand (coverage: 3 to 4 kg/m²). Gradually as the work progresses, keep a 5-10 cm wide strip free off sand around the covered area, in order to be able to link up with fresh resin when covering subsequent areas. When applying the resin onto impervious substrates (ex. floor tiles) allow a waiting time of approx. 30 minutes (2 coats system) or 50 minutes (1 coat system) at around 23°C. For other temperatures refer to the table below prior to sand application.

Sanding Method	10° C	15° C	23° C	30° C
2 coat (400 + 300 g/m ²)	30 min	30 min	30 min	20 min
1 coat (800 g/m ²)	120 min	80 min	50 min	20 min

****All values provide approximate timing. Temperatures above represent the substrate/floor temperature conditions. Always check with your local Technical Representative for additional information****

Allow to dry for 24 hours at 20°C, 48 hours at +10°C, before removing excess of sand using an industrial vacuum cleaner. The remaining sand must be firmly bonded to the coat of HYTEC E336 XTREM. After this stage, the self-levelling compound can be spread (and then receive the resilient soft-floor coverings). The wooden floor can be fully bonded directly on the HYTEC E336 XTREM sanded.

2. GRIP A936 XPRESS APPLICATION

After the complete HYTEC E336 XTREM polymerization, spread the GRIP A936 XPRESS with a roll tool (80 to 120g/m²) and let it dry during 2 hours before the self-levelling installation.

COVERAGE

B2 : 400g/m²
C1 : 800g/m²
Sand = 3 to 4 kg/m²

STORAGE STABILITY

Up to 24 months in the original, unopened container, stored at +10°C and +30°.

REMARKS

- When it is necessary to walk on the fresh epoxy layer, nailed soles are worn.
- Underfloor heating systems must comply with current building regulations. Turn off the heating 48 hours before starting the work.
- GRIP A936 XPRESS is always associated to a self-levelling compound (compared to Sand method, where the direct bonding is sometimes made. (Cases of wooden floor, or rubber)

CLEANING

Clean tools and fresh spillages with soapy hot water or with trichloroethylene solvent.

Code	UC	PCB	GENCOD
30615716	5 kg	1	3549212484934
30615715	25 kg	1	354921248492

SAFETY

For more details, consult the safety data sheet on <https://bostiksdcs.thewerco.com/default.aspx>

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