



PRO SERIES

HYTEC
FLOOR MOISTURE
SOLUTIONS



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Adhesive solutions by **ARKEMA**

FLOOR PREPARATION

GET RID OFF MOISTURE ISSUES!

PROTECT YOUR FLOORS WITH HYTEC SOLUTIONS!

Moisture is one of the most frequently encountered problems in buildings. It can cause long and short term problems with degradation of the self-levelling compound or the floor covering, which leads to litigation.

It is important to pay particular attention to these problems, and know how to avoid them with the right, high-performance products. Making our HYTEC solutions a major asset for your craftsmen.

OUR COMMITMENTS

TO PROVIDE INNOVATIVE, QUALITY PRODUCTS THAT TOUCH AND IMPROVE PEOPLE'S DAILY LIVES.

TO OFFER SOLUTIONS THAT ENABLES OUR CUSTOMERS TO ACHIEVE THE HIGHEST LEVELS OF PERFORMANCE AND QUALITY EVEN WITH DIFFICULT CHALLENGES.

BEING CLOSE TO OUR CUSTOMERS INSIGHTS, NEEDS AND ASSISTANCE.

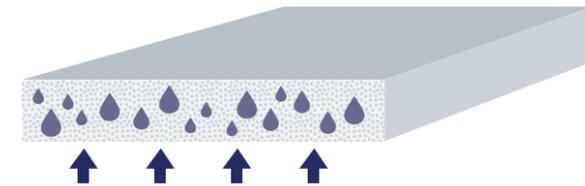


PREPARATION OF SUBFLOORS, A KEY STEP!

The first essential step for the installer is to define the surface and to know which level of the building he is going to prepare. First step, identify the level and ventilation points in order to select the right products. Second step, test the subfloor moisture and know the room level of the job. Moisture data is only relevant at the moment of the test. Data can increase or decrease based on ground moisture, temperature or weather conditions. New buildings or renovations can be affected with rising damp or residual moisture. Treat your subfloor accordingly and beat the moisture!

1/ DAMP PROOF MEMBRANE

NATURAL RISING DAMP THROUGH A CONCRETE SLAB.



TYPE OF SUPPORT:

● Slab concrete

MAIN CAUSES :

- New or renovation subfloors exposed to rising damp.
- Building located in a flood zone.
- Hydrostatic pressure due to poor drainage of rainwater (proximity to water table).

2/ RESIDUAL MOISTURE

THE AMOUNT OF WATER REMAINING IN THE SUBFLOOR BEFORE THE COMPLETE DRYING OF A SCREED OR CONCRETE FLOOR.



TYPE OF SUPPORT:

● Floorboard concrete

● Cement screed

MAIN CAUSES :

- Insufficient drying time.
- High humidity.
- Lack of aeration/ventilation.
- Water infiltration.

FIRST FLOOR

GROUND FLOOR

BASEMENT



■ Slab concrete

■ Floorboard concrete

■ Cement screed

CONTROL MOISTURE & PROTECT YOUR FLOORS!

3 METHODS FOR MEASURING MOISTURE IN CONCRETE



1/ CALCIUM CARBIDE METHOD (%CM)

- The subfloor must be dry, sound, clean and without cracks.
- Subfloor humidity (refer to local standards).
- Measure with a carbide bomb.
- Weight petri dish.



2/ PROBE METHOD (%RH)

- Drill hole 40% into slab and install sensor.
- Reading after 24h.



3/ VI-D4 FROM ROMUS (%CM OR RH)

- Electronic Prob

MAXIMUM CEMENT-BASED MOISTURE LEVELS FOR DIFFERENT FLOOR COVERING INSTALLATIONS

	CEMENT-BASED		
	PVC	Carpet	Parquet
France	4% CM	4% CM	3% CM
Spain	4% CM	4% CM	3% CM
Portugal	4% CM	4% CM	3% CM
UK	2.5% CM	3% CM	2.5% CM
Ireland	2.5% CM	3% CM	2.5% CM
Germany	2% CM	2% CM	2% CM
Netherlands	2% CM	2% CM	2% CM
Belgium	2% CM	2% CM	2% CM
Poland	2% CM	2% CM	2% CM
Russia	4% CM	4% CM	4% CM
Balkans	2% CM	2% CM	2% CM
Sweden	85% RH	85% RH	85% RH
Denmark	85% RH	85% RH	85% RH
Norway	85% RH	85% RH	85% RH
Finland	85% RH	85% RH	85% RH
Turkey	4% CM	3% CM	3% CM
MEA	3.5% CM	3.5% CM	3.5% CM
US	75% RH	75% RH	75% RH
Mexico	75% RH	75% RH	75% RH
Brazil	2.5% CM	4% CM	2% CM
Australia	75% RH	75% RH	75% RH



4 SOLUTIONS FOR YOUR NEEDS!

1

SECURE YOUR
PARQUET
INSTALLATION

HYTEC P510
RENORAPID

2

SAVE TIME
ON WET
SURFACES

HYTEC A370
RAPID

3

DON'T LET
MOISTURE
DESTROY
YOUR FLOORS

HYTEC E336
XTREM

4

READY
TO COVER
IN 4H

HYTEC E736
TURBO

IF YOU ARE
AN ARTISAN,
FLOORING SPECIALIST,
DISTRIBUTOR,
CONTRACTOR,
ARCHITECT OR
A PROFESSIONAL
BUILDER, YOU WILL
BENEFIT FROM OUR
TECHNICAL ASSISTANCE!

Our full product portfolio provides everyone an immediate solution to eliminate any issues related to the humidity of the subfloor.

Before laying any floor covering, the surfaces must be sound, clean and free of cracks. Measuring the moisture level is the responsibility of the flooring contractor.

Find all our information here:





1 HYTEC P510 RENORAPID

SECURE YOUR PARQUET INSTALLATION

The one component, ready-to-use moisture suppressant HYTEC P510 RENORAPID provides protection of residual moisture up to 4.5% CM and for the reinforcement of weak, soft and powdery cement screeds. HYTEC P510 RENORAPID ensures the adhesion and cohesion of the subfloor. The application is done with a short hair roller in a 2-coat application at a rate of 150g/m²/coat. Ideal for direct bonding of Bostik wood floor adhesive over the HYTEC P510 RENORAPID within the approved timing.

APPLY 2 COATS THEN BOND YOUR PARQUET!



Apply with a **short hair roller** and ensure that the entire surface has been properly covered with a **continuous film**.

HYTEC P510 RENORAPID should be applied in **2 coats** at a rate of **150g/m²/coat** with a drying time of **1h for the 1st coat** and **2h for the 2nd coat**.



Once dried, apply the **wood floor adhesive** directly over the **HYTEC P510 RENORAPID** with the approved notched trowel **spatula TKB-B12**.



No waiting time needed, place the wood floor covering and **press firmly** to ensure a good transfer.

SOLUTION 1

IDEAL FOR **SUBFLOOR REINFORCEMENT**

4.5% CM



2 HYTEC A370 RAPID

SAVE TIME ON WET SURFACES

The one component, ready-to-use, water-based moisture suppressant HYTEC A370 RAPID provides protection of residual moisture up to 5.5% CM on cement-based subfloors. The application is done with a medium hair roller in a 2-coat application at a rate of 150g/m²/coat. The drying time of approx. 2 hours (both coats) allows for minimal downtime. You can proceed to the self-levelling application without primer, knowing that the residual moisture will not deteriorate your subfloor in the weeks or months following the installation.



EASY DRYING INDICATOR



WET = blue color



DRY = glossy shiny black film

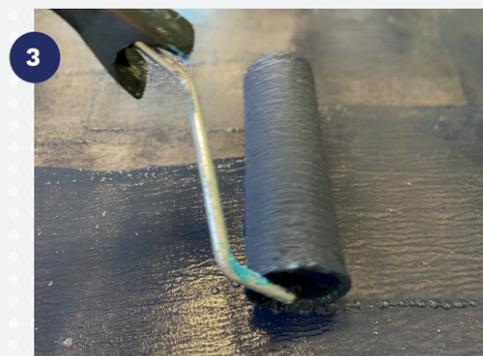
READY TO USE, EASY TO APPLY, QUICK DRYING!



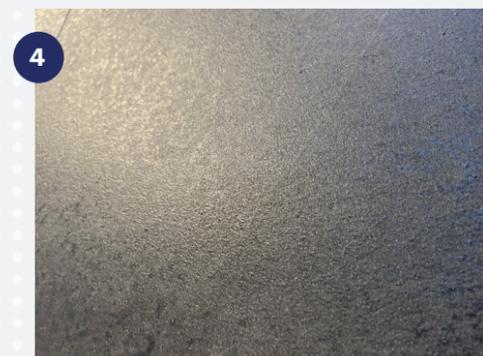
1 Pour HYTEC A370 RAPID into a **clean bucket or paint tray to facilitate the application of the medium hair roller.**



2 Apply the 1st coat of the undiluted HYTEC A370 RAPID using a medium hair roller at a rate of **150g/m²/coat.**



3 After **30 minutes of drying**, apply the **2nd coat** perpendicularly and allow to **dry for about 1-2h.**



4 After complete drying the **film should be homogeneous and not sticky.**

SOLUTION 2

IDEAL TO SUPPRESS RESIDUAL MOISTURE!

5.5% CM





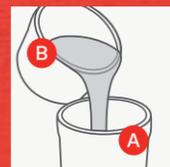
3 HYTEC E336 XTREM

DON'T LET MOISTURE DESTROY YOUR FLOORS!

HYTEC E336 XTREM is a very high-performance two-component epoxy system specifically adapted to block rising damp on cement-based subfloors, with no limit on the moisture level. It can be applied in 1 coat at a rate of 800g/m² with spatula TKB-C1 or 2 coats at a rate of 400g/m² with the spatula TKB-B2. HYTEC E336 XTREM can be mixed and sandblasted with sand S409 or ready to be coated with our GRIP A936 XPRESS sanded primer. It allows you to continue your work and treat permanently rising damp in order to eliminate any risk of deterioration of the self-levelling compound or the floor covering later on.



MIX THE TWO COMPONENTS



1/ Pour the hardener (part B) into the resin (part A).



2/ Mix thoroughly with a slow speed electric mixer until a homogeneous mixture is achieved.

2 APPLICATION METHODS TO BLOCK RISING DAMP!

1/ INSTALLATION OF SOFT FLOOR COVERING



Application with a **notched spatula TKB-C1** (800g/m²).



Application of **GRIP A936 XPRESS** (100g/m²) on the resin and after 2h apply the self-levelling compound over the entire surface.



Application of the adhesive for soft floor covering installation.

2/ INSTALLATION OF SOLID PARQUET



Application with a **notched trowel TKB-B2** in 2 coats at 24h intervals at a rate of 400g/m² for the 1st coat and 300g/m² for the 2nd coat.



Broadcast sand (BOSTIK S409) in excess on the 2nd layer over the fresh resin, then vacuum the excess sand after 24h.



Application of the wood floor adhesive for solid parquet installation.

SOLUTION 3

PROVEN SOLUTION FOR MANY YEARS!

NO LIMIT



new

4 HYTEC E736 TURBO

READY TO COVER IN 4H

Long drying times of the wet subfloors can quickly become an issue, especially nowadays when waiting time is becoming an issue. HYTEC E736 TURBO is an ultra-rapid, two-component moisture barrier, specifically adapted to block rising damp on cement-based subfloors, with no limit on the moisture level. A single coat at a rate of 500-600 g/m² provides you a 100% rising damp protection. HYTEC E736 TURBO is ready to be coated with our GRIP A936 XPRESS sanded primer just after 4 hours. The surface has an optimal bonding strength that can be covered with our approved Bostik wood floor adhesive or appropriate self-levelling compound.



DIRECT APPLICATION OF ENGINEERED PARQUET



1/ Apply HYTEC E736 TURBO.



2/ After 4h, apply the sanded primer GRIP A936 XPRESS.



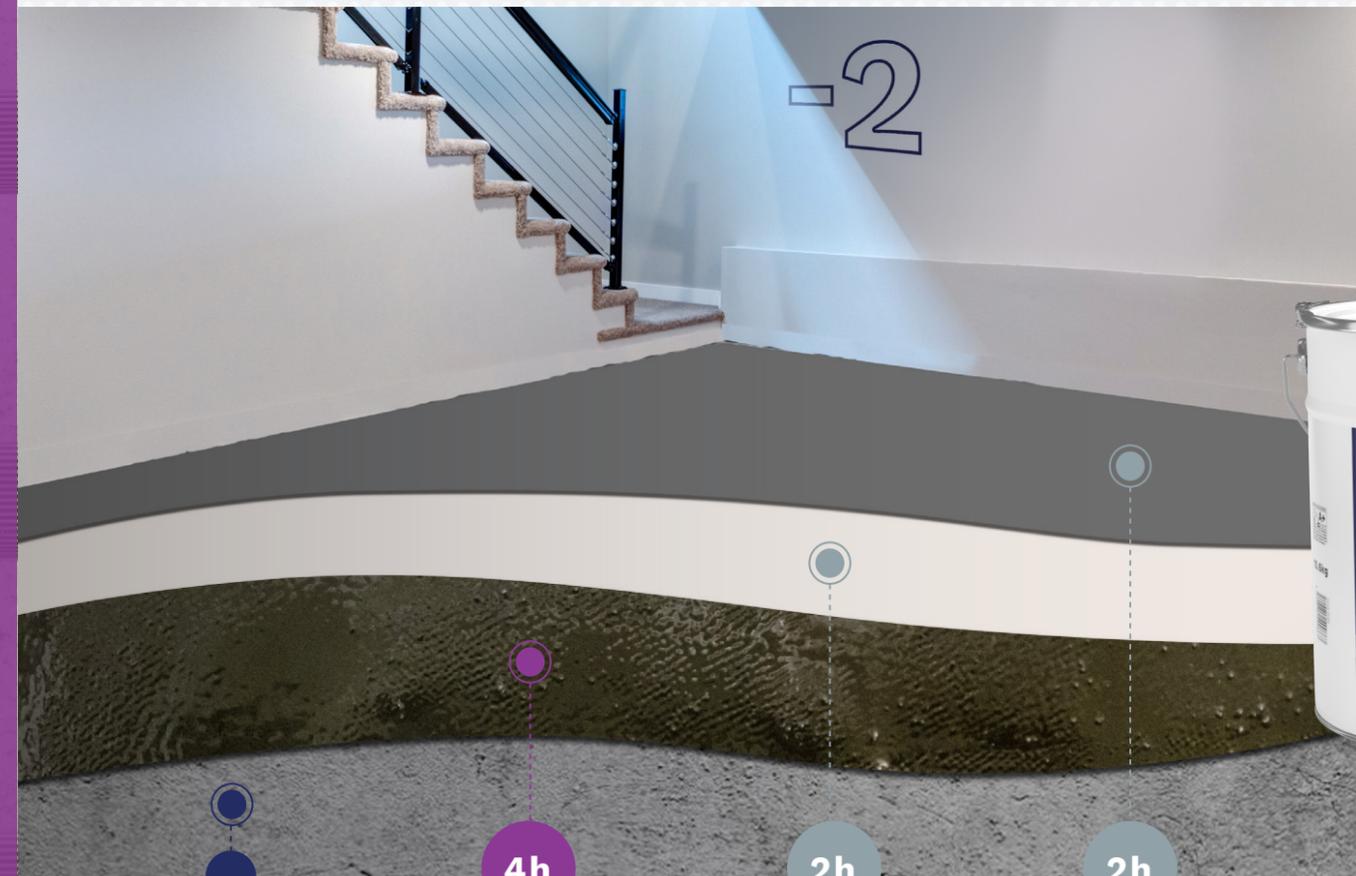
3/ After 2h, direct installation of engineered parquet all widths.

SOLUTION 4

DAILY FULL SYSTEM !

Bostik offers a **high-performance system** with **HYTEC E736 TURBO** moisture barrier and the associated **GRIP A936 XPRESS fast drying** sanded primer. For a perfect finish, use **SL C980 XPS** to obtain an **excellent mechanical resistance** which can be covered with a coating to be left as **the final coating**. Ideal solution for commercial and industrial floors.

THE MOST EFFICIENT SYSTEM ON THE MARKET!



SLAB CONCRETE



HYTEC E736 TURBO



GRIP A936 XPRESS



SL C980 XPS



PRODUCT OVERVIEW



HYTEC P510
RENORAPID



HYTEC A370
RAPID

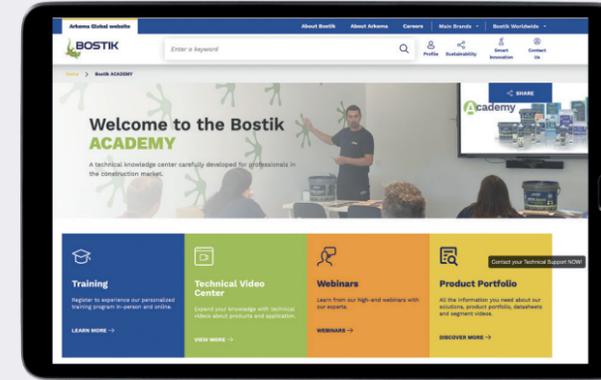


HYTEC E336
XTREM



HYTEC E736
TURBO

APPLICATION	Quick 1K PU primer for several substrates as well as a moisture suppressant to block residual moisture.	Ready-to-use, one part, moisture suppressant to suppress residual moisture.	Two-component epoxy damp proof membrane to block rising damp.	Ultra-rapid damp proof membrane to block rising damp.
BENEFITS	<ul style="list-style-type: none"> - Strong tightening effect - Ready-to-use - Subfloor reinforcement - Multi-functional: moisture suppressant + primer 	<ul style="list-style-type: none"> - Up to 95% RH/5.5% CM - Water based - Multi-functional : moisture suppressant + primer 	<ul style="list-style-type: none"> - Moisture level : no limit - Resist to hydrostatic pressure - Radon barrier 	<ul style="list-style-type: none"> - Moisture level : no limit - Apply in 1 coat : 500-600g/m² - Rapid curing : 4h - Direct application of engineered parquet
TECHNOLOGY	PU	WATER BASED	EPOXY	EPOXY
SIZE AVAILABLE	11kg	12kg	Kit 5kg - Kit 25kg	Kit 6kg - Kit 18kg
FUNCTION	Subfloor reinforcement	Residual moisture suppressant	Dampf proof membrane	Dampf proof membrane
MOISTURE LEVEL	4.5% CM	5.5% CM	No limit	No limit
APPLICATION	Short hair roller - 2 coats	Medium hair roller - 2 coats	Spatula TKB-C1 - 1 coat Spatula TKB B2 - 2 coats	Spatula TKB-B2 - 1 coat
CONSUMPTION	150g/m ² /coat	150g/m ² /coat	≈ 800g/m ²	500-600g/m ²
COVERING	1-2h / coat	30min the 1st coat 1-2h the 2nd coat	24h	4h
COLOR	Brown	Dark blue	Amber	Black
EMICODE	EC1	EC1+	-	EC1+



GET YOUR FREE TRAINING!

Bostik ACADEMY is a knowledge center carefully created for professionals in the construction market. At Bostik ACADEMY you will experience a tailored training program that is perfectly matched to your needs. Our highly skilled Technical Team will present our product portfolio, best application methods, and key industry recommendations. In addition, we are also able to offer tailored dedicated trainings to you and your team.

