

# RENO U736 CONNECT

## FIBERGLASS REINFORCEMENT FLEECE FOR CRACK/JOINT BRIDGING

### KEY BENEFITS

- **Very high tensile strength**
- **Bridge and reinforce cracks, joints and subfloors nature changes**
- **Avoids the use of repair resins**



### APPLICATIONS

#### DESCRIPTION

**RENO U736 CONNECT** is a fiber glass reinforcement fleece for repairing and stabilizing cracks, construction joints and bridging over different nature of substrates. To be used in combination with BOSTIK repair mortars, epoxies or parquet adhesives.

#### Areas of application :

- Concrete
- Calcium sulphate or cement screeds
- Magnesia and xylolite screeds
- Mastic asphalt screeds
- Ceramic tiles, terrazzo or natural stones
- Wooden substrates
- Metallic substrates
- Compatible with underfloor heating system

#### In combination with

- Repair mortars as RENO C920 ST, RENO C950 QUICK or RENO C610 BUILD
- Epoxy resins as HYTEC E336 XTREM, HYTEC E570 ONE COAT or HYTEC E736 TURBO
- SMP/PU adhesives prior to parquet installation

### PRODUCT CHARACTERISTICS

<b>Composition</b>	Fiber glass
<b>Color</b>	White
<b>Format</b>	pre-cut sheets
<b>Packagging</b>	75 pre-cut sheets of 0,8m x 0,6m each Cover approx. 36 m <sup>2</sup>
<b>Basis weight</b>	108 g/m <sup>2</sup>
<b>Tensile strength on filament</b>	3.500 N/mm <sup>2</sup>
<b>Elongation at break</b>	2.4%
<b>Elastic modulus</b>	72.000 N/mm <sup>2</sup>
<b>Storage / Shelf life*</b>	Min. 24 months

\*from date of manufacture in original, unopened packaging, clear of the ground, in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost, damp, condensation and dew.

## DIRECTIONS FOR USE

### SUBFLOOR PREPARATION

The substrate must be sound, dry, free from materials (dirt, oil, grease) that would impair adhesion. Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Dense, smooth and metallic substrates have to be degreased and grinded.

The temperature of the floor and air must be stable and maintained between +15°C and +30°C throughout the application and drying of the underlayment

Substrates will have to be properly prepared following your local regulation. In case of application in combination with Bostik repair mortar, an adapted Bostik primer might need to be apply first.

Refer to table below for primers recommendations.

NATURE OF SUBSTRATE		PRIMERS RECOMMENDED
Concrete slab, cement based screeds	Absorbent	<b>GRIP A310 PROJECT</b> <b>GRIP A500 MULTI</b>
	Non-absorbent	<b>GRIP A500 MULTI</b> <b>GRIP A700 UNIVERSAL</b>
Calcium sulphate based screeds		<b>GRIP A310 PROJECT</b> <b>GRIP A700 UNIVERSAL</b>
Mastic asphalt screeds		<b>GRIP A936 XPRESS</b> <b>GRIP X910 FILL&amp;WOOD</b>
Ceramic tiles, terrazzo or natural stones		<b>GRIP A500 MULTI</b> <b>GRIP A936 XPRESS</b> <b>GRIP X910 FILL&amp;WOOD</b>
Resin or painted subfloors		<b>GRIP A936 XPRESS</b>
Wooden subfloors		<b>GRIP A500 MULTI</b> <b>GRIP X910 FILL&amp;WOOD</b>
Metallic subfloors		<b>HYTEC P510 RENORAPID</b> <b>+ GRIP A936 XPRESS</b>

Warm water underfloor heating systems must be switched off for 48 hours prior to, during and for a minimum of 48 hours after application. After this time, gradually turn up the underfloor heating until operational temperature is achieved.

### CRACK PREPARATION

**Some wide cracks which have a width in excess of 1mm could require confirmation from a structural engineer to confirm that the crack is suitable to be repaired and not indicative of significant structural deficiencies.**

If confirmed as suitable to receive repair, then the crack can be opened up by mechanically with a grinder and repaired.

Cracks up to 0,3 mm in width do not require opening up to be repaired

Cracks 0,3 mm or wider and confirmed as static require opening up with a suitable cutting disc.

Vacuum the crack using industrial vacuum equipment to ensure all dust has been removed and the crack is completely dust free

### JOINT PREPARATION

Remove all debris, contamination and friable material from the joint. Vacuum the joint using industrial vacuum equipment to ensure all dust is removed and the joint is completely dust free.

### METHOD OF USE

#### In combination with repair mortar

After having properly prepared and primed the subfloor, apply a thin and even coat of repair mortar at least 30 cm on both sides of the crack/joint.

Embed into the fresh mortar your precut **RENO U736 CONNECT** sheet fiber strands perpendicular to crack/joint direction then apply pressure over the whole length followed by smoothing. Make sure **RENO U736 CONNECT** is properly set. More fresh material could be apply on top to make sure the sheet is properly encapsulate.

If crack/joint required few **RENO U736 CONNECT** sheets on the width, an overlap of 5-10 cm is required between each sheets.

Once bridging done, let is set before carry on your subsequent flooring system. Refer to the repair mortar TDS is know more about the drying time required.

#### In combination with epoxy resin

After having properly prepared the subfloor, apply a thin and even coat of epoxy resin at least 30 cm on both sides of the crack/joint.

Embed into the fresh resin your precut **RENO U736 CONNECT** sheet fiber strands perpendicular to crack/joint direction then apply pressure over the whole length followed by smoothing. Make sure **RENO U736 CONNECT** is properly set. More fresh material could be apply on top to make sure the sheet is properly encapsulate.

If crack/joint required few **RENO U736 CONNECT** sheets on the width, an overlap of 5-10 cm is required between each sheets.

Once bridging done, let is set before carry on your subsequent flooring system. Refer to the epoxy resin TDS to know more about the drying time required.

## **In combination with SMP/PU adhesives (prior to parquet installation)**

After having properly prepared the subfloor, apply a thin and even coat of SMP/PU adhesive using a spatula B3 at least 30 cm on both sides of the crack/joint.

Embed into the fresh adhesive your pre-cut **RENO U736 CONNECT** sheet fiber strands perpendicular to crack/joint direction then apply pressure over the whole length followed by smoothing. Make sure **RENO U736 CONNECT** is properly set.

If crack/joint required few **RENO U736 CONNECT** sheets on the width, an overlap of 5-10 cm is required between each sheet.

Once bridging done, let it set before carry on your parquet installation. Refer to the SMP/PU adhesive to know more about the drying time required.

### **COVERAGE**

**Box of 75 pre-cut panels (0,8m x 0,6m)** permit to bridge approx. 50 linear meter of cracks/joints

### **STORAGE STABILITY**

Shelf life minimum 24 months when stored in relatively cool conditions. Store rolls upright to avoid any pressure marks. Frost-resistant up to - 25 °C.

### **PRODUCT INFORMATION**

Code	UC	Pallet	GENCOD
30633838	Box of 75 panels 0,6 x 0,8m	20	4008373140305

### **SAFETY**

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

*The information given and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. It is the buyer's obligation, prior to using the product, to test the suitability of the product for an intended use under the conditions that will exist at the time of the intended use. Bostik does not warrant the product's suitability for any particular application. The product is sold pursuant to Bostik's Terms and Conditions of Sale that accompanies the product at the time of sale. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.*

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