

# Reno C411 Repair Flex

## Fibre Reinforced Repairing Mortar

MASONARY & BUILDING CHEMICALS

WALL

- Extra fiber reinforced
- Easy to apply
- Anti-crack formulation



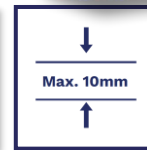
Old Name : 410 Flex

### PRODUCT DESCRIPTION

Bostik **Reno C411 Repair Flex** is a cement-based, coarse-grained repairing mortar with extra polypropylene fibre. It is suitable for interior and exterior use manually and in compliance with TS EN 1504-3 R1 class with anti-crack formulation, excellent water vapour permeability and enhanced flexibility.

### APPLICATION AREAS

- Interior and exterior
- On walls and ceilings
- In humid and wet volumes
- In exposed concrete surfaces



### TECHNICAL DATA

Dmax (mm)	1
Colour	Grey
Applicable thickness (mm)	10
Dry Unit Volume Weight (kg / lt)	1,5 ± 0,2
Wet Unit Volume Weight (kg / lt)	1,7 ± 0,2
Pot Life (min.) (at 20°C)	~ 60
Working Time (min)	~ 30
Curing Time (hour)	~ 24
Compressive Strength (28 days)= (N/mm <sup>2</sup> )	≥ 10
Flexural Strength (28 days)= (N/mm <sup>2</sup> )	≥ 5
Adhesion Strength onto concrete (N/mm <sup>2</sup> )	≥ 0,8
Water Mixing Ratio (for 25 kg dry mortar)	4,5 – 5,5 lt

Technical data are approximately provided according to a temperature of + 23°C and a relative humidity of 50%.

## FEATURES

- Resistant to water, frost and humidity
- Plastic consistency
- Easy to apply
- High adhesion strength on surfaces
- Cement-based; it keeps the interior humidity stable with excellent water vapour permeability
- Hydraulic bounding quality
- Fireproof

## PREPARATION OF THE SUBSTRATE

- In over-plaster applications, it should be rested for 72 hours after the plastering.
- The adhesion preventive substances such as dust, dirt, mould oil, slag, etc. should be removed from the surface.
- Residues and wastes like cement, plaster and concrete should be cleaned from the application surface.
- Cracked plasters, weak surfaces and moss residues should be removed from the application surface.
- The surfaces like exposed concrete should be primed with Bostik Grip A400 Concrete before the application.
- Highly absorbent concrete surfaces should be primed with adherence bridge installing mortar or Bostik Grip A500 Universal.
- Aerated concrete and porous brick surfaces should be primed with Bostik Grip A500 Universal.
- Other kind of surfaces should be dampened sufficiently; it should be applied after rested adequately.

## APPLICATION

- Bostik **Reno C411 Repair Flex** should be mixed with a low cycle mixer after pouring into a container filled with 4,5 – 5,5 lt of clean water at normal environment temperature until a smooth mixture is obtained. Mixing time should be minimum 5 minutes. The obtained mortar should be rested for 3 minutes and mixed for 3 minutes again in order to obtain a homogenous mixture.
- The mixed mortar is ready to apply after an aging period of 3 minutes.
- The fresh mortar should be used within 1 hour.
- In order to obtain a smooth surface, the material should be triphylined with a sponge triphyline after hardened enough.
- In the surfaces on which Bostik **Reno C411 Repair Flex** is applied, it should be rested for 6 hours between the first and second layer.
- In order to prevent application cracks, the surface should be dampened before the second layer application.
- It is recommended to be used as repair mortar for filling the fine cracks and gaps on the application surface.

## AFTER APPLICATION

- In order to avoid fast and unhealthy drying, the surfaces should be protected from direct sunlight and adverse air conditions such as heavy wind and frost.
- To obtain the recommended long term technical performance of the product, after the completion of the all application, the application and/or work should be covered and protected with a suitable coating or covering (paint, ceramic, tile etc.) as early as possible (depending on the product's drying time within 3-7 days).

## CONSUMPTION

Approx. 1,3 – 1,5 kg/m<sup>2</sup> for 1 mm thickness.  
The coverage amounts are theoretical, and it is recommended to do coverage-controlled sample application before treatment.

## PACKAGING

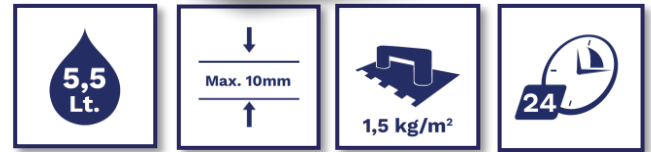
25 kg craft bags, 64 bags in one pallette  
(1600 kg/pallette)

## STORAGE

- 🌿 Dry mortar bags should be protected from water, frost and adverse weather conditions.
- 🌿 They should be kept dry and cool on wooden pallets at between +10°C and +25°C in moisture free conditions.
- 🌿 The torn or opened products should be closed immediately and consumed first.
- 🌿 Maximum 8 bags should be stocked on each other.
- 🌿 Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions.

## HEALTH AND SAFETY INFORMATION

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet.



*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 products, 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. Bostik does not warrant the products suitability for any 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 past.*

### **Bostik Kimya Sanayi ve Ticaret A.Ş.**

Mecidiyeköy Mh. Oğuz Sk. RönesansBiz Plaza N: 4A/7  
Zemin Kat 34381 Şişli, İstanbul  
E-mail: info.tr@bostik.com  
an Arkema company  
www.bostik.com

### **BOSTIK TECHNICAL ASSISTANCE**

**444 10 99**



CODE	PACKAGING	PALLET
152081017	25 kg	64 PCS