

# GrecoCrete® RC 60

General Purpose, Polymer Modified Cementitious Repair Mortar

## Description

**GrecoCrete RC 60** is ready to use, polymer modified and high strength cementitious repair mortar with shrinkage compensating properties for general concrete repair.

It is designed for application from 5 to 20mm thick.

## Uses

- Patch Repair to precast concrete products
- Levelling uneven surface horizontally and vertically
- Re-profiling of worn concrete floor
- Filling voids and cavities
- Repair of spalled concrete

## Typical properties

Colour	: Grey
Filler materials	: Graded silica sand
Density (wet)	: Approx. 2100kg/m <sup>3</sup>
Slant shear bond strength ASTM C1042: 1999	: 5.0N/mm <sup>2</sup>

## Compressive strength

BS EN 1015-11: 1999

1 days	: > 20N/mm <sup>2</sup>
7 days	: > 40N/mm <sup>2</sup>
28 days	: > 60N/mm <sup>2</sup>

## Coverage

Typical coverage is 2.1kg / m<sup>2</sup> per 1mm thick.

## Packaging

**GrecoCrete RC 60** is available in 25kg bag

## Shelf Life

**GrecoCrete RC 60** has a shelf life of 12 months. If store in a dry, sheltered place in original, unopened packaging. Shelf life will be reduced if storage temperature and humidity are high.

## Health & Safety

**GrecoCrete RC 60** contains cement powder and can cause irritation to person with sensitive skin. Avoid months when stored in original packing in a cool and dry environment.



## Applications

### Preparation of water leak substrate

Substrate must be structurally sound, dry and clean. Cement laitance, mould release agent, oil, curing compound, grease or any loose particle which may impair bond must be removed using effective means. Saw cut the boundary of the repair area and remove 5 to 10mm thick concrete from repair area by hacking. Saturate the substrates with clean water and apply a coat of bonding prior to the application of **GrecoCrete RC 60** to improve bonding strength.

## Mixing

Use 4.75L of water per 25kg bag depending on the required consistency. Pour 80% of water the required water into the clean container and slowly add **GrecoCrete RC 60** continuously. Add the remaining water to achieve the homogeneous desired mix. Mix for at least 2 minutes with heavy duty high speed drill fitted with a wing profile mixing paddle is recommended.

## Placing

Apply **GrecoCrete RC 60** to substrate with a steel trowel or wooden float wet-on-wet onto the bonding slurry.

## Curing

Protect the repair area from rapid drying to avoid surface cracking problem with wet burlaps, plastic sheets or suitable curing compound.

## Cleaning

Use water to clean tools and equipment immediately.

## Note:

Use the leaflet as a guide for the use of this product concerned. The information given is in accordance with the latest technical developments. However, we cannot accept responsibility for any work carried out with our materials as we have no control over the method of application used or the condition of the site involved.

Last updated by KH/APR 2018

