



ENGINEERED SOLUTIONS

SpECtite RS60

CEMENT BASED RAPID SET WATERPROOFING MORTAR

DESCRIPTION

SpECtite RS60 is a blend of high purity silica sands, cements and additives which, when mixed with water, produces a rapid setting mortar with an initial set of around one minute.

TYPICAL USES

SpECtite RS60 may be used for rapid plugging of concrete elements, where water leaks must be stopped.

ADVANTAGES

- Does not contain chloride additives
- Low exotherm
- Rapid water-stopping ability
- Pre-bagged only requires the addition of water

TECHNICAL INFORMATION

PROPERTIES

VALUES

Initial set	60 seconds @ 20°C
Compressive strength	30 N/mm ² @ 28 days

APPLICATION

Preparation

It is essential that adequate preparation is carried out prior to the application of SpECtite RS60. The area to which the mortar has to be applied, should have a depth of at least 15mm to avoid feather edging.

The substrate should be free of dust and laitance and any other contaminants should be removed by high pressure water jet. Oils and greases should also be removed.

Mixing

SpECtite RS60 is a one-part blend of silica sands, cements and additives.

The following proportions should be used for mixing:

SpECtite RS60	3 parts by volume
Clean water	1 part by volume

Mix in a suitable container using a trowel. As the product set time is short, only mix sufficient material which can be used in the time available.

Application

Hand place the mortar ensuring good compaction against the substrate and hold in place with a gloved hand until initial set has been achieved.



Limitations

When used at temperatures above 35°C the material should be pre-conditioned in a cool environment and the use of chilled mixing water should be considered to achieve an acceptable working time.

EQUIPMENT CLEANING

SpECtite RS60 should be removed immediately from tools etc. using clean water.

Cured material can only be removed by mechanical means.

PACKAGING & YIELD

SpECtite RS60 is supplied in 5kg or 25kg packs.

STORAGE & SHELF LIFE

SpECtite RS60 has a shelf life of 6 months when stored in original bags in a cool, dry environment.

If stored at high ambient temperatures or at high humidity the shelf life will be reduced by as much as 50 - 60%.





HEALTH & SAFETY

SpECrite RS60 being based on cement, should not come into contact with skin or eyes. Inhalation of dust should be avoided.

If swallowed, seek medical attention immediately.

DO NOT INDUCE VOMITING

Issue 7: 01/2026

Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and labour involved are beyond our control.

If it is proven that the product does not perform as described in our TDS, SpEC's liability extends solely to the free replacement of product, once the claim has been accepted after due investigation by SpEC. SpEC will not entertain any claims involving any form of consequential costs or damages such as shipping costs, custom duties, damages to third parties, damages to structures, penalties from delay of a project or any other form of consequential damage.

SPECIALITY ENGINEERING CHEMICALS

PO Box 61347, Dubai, United Arab Emirates. Telephone: +971 4 883 6662, Fax: +971 4 883 7696

E-mail: info@spec.ae

www.spec.ae