



Technical Data Sheet

SETBRICKSEAL

Single part cementitious waterproofing render for brickwork

DESCRIPTION

SETBRICKSEAL is a single pack polymer modified, cementitious material, containing water repelling substances, which, when mixed with the correct quantity of clean water may be applied by brush to well prepared, sound, brick substrates and other substrates having a low free lime content.

PROPERTIES

The water repelling additives present in SETBRICKSEAL penetrate the pores and capillaries of the brickwork, and are also present throughout the cementitious matrix of the product, thereby preventing the ingress of water and at the same time allowing the substrate to breathe.

SETBRICKSEAL is non-toxic and can be used on both internal and external surfaces. It has an excellent adhesion to the substrates, is

extremely durable and resistant to alkalis. SETBRICKSEAL has a degree of elasticity, which will take up some surface movements.

INSTRUCTIONS FOR USE

Mixing

SETBRICKSEAL should be mixed mechanically by using a slow speed drill and paddle slowly adding the contents of a 25kg bag to between 8 to 9 litres of clean water depending on the consistency required. Care must be taken when using slow speed drills which can introduce too much air into the mix. They must be used for a minimum mixing time commensurate with obtaining a homogenous mix.

Priming

The prepared substrate surface should be thoroughly wetted, but any excess water must be removed.

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Application

SETBRICKSEAL should be applied to the dampened substrate by brush application. Wherever possible SETBRICKSEAL should be applied on the water pressure side of the structure. A second coat of SETBRICKSEAL, or SETSEAL TANKING (see appropriate data sheet) may be applied, depending on conditions. The SETBRICKSEAL should still be 'green' at the overcoating stage. If the material has cured, it must be thoroughly re-wetted, with all free water removed prior to overcoating.

- a) Two coats of SETBRICKSEAL will be satisfactory to resist water ingress and protect against damp conditions.
- b) Where water pressure exists, a brush coat of SETBRICKSEAL should be applied as a primer, followed by one or two coats of 5mm thick trowel applied coats. The trowel grade is achieved by reducing the water addition to the SETBRICKSEAL powder to achieve a mortar consistency. Alternatively, use SETSEAL TANKING.

Working Time

SETBRICKSEAL has a working time of approximately 30 – 45 minutes at 30°C.

Mixed material should not be left standing for any length of time prior to application as this will considerably shorten its working life and may lead to flash setting.

STORAGE LIFE:

SETBRICKSEAL has a shelf life of 6 months when stored, unopened in the manufacturer's bags, in dry conditions at moderate temperature. Protect from frost.

COVERAGE:

1.2 to 1.6 kg of SETBRICKSEAL, per sq.m. per coat, dependent upon application and service conditions. A 25 kg bag should be sufficient to cover 15 to 20 sq.m. per coat.

PACK:

25 kg bag.

The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site conditions, etc.

In view of the continuing research and development being undertaken in our laboratories, we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subject to our standard conditions of sale which are available on request.

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