



Technical Data Sheet

SETSEAL TANKING

Trowel applied waterproofing

DESCRIPTION

SETSEAL TANKING is a single part, cementitious waterproofing system consisting of a blend of cements, fillers and special additives. It should always be used in conjunction with SETSEAL, SETSEAL A or SETBRICKSEAL used as a primer.

PROPERTIES

SETSEAL TANKING, when applied as per instructions, yields a trowel applied cementitious render, producing an extremely tough, durable waterproof render of nominal 5mm thickness.

INSTRUCTIONS FOR USE

Mixing

SETSEAL TANKING should be mixed using a slow speed drill and paddle slowly adding the

contents of a 25kg bag to between 5 to 6 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, trowelable mix.

Priming

The prepared substrate surface should be primed with a coat of SETSEAL, SETSEAL A or SETBRICKSEAL (see appropriate data sheets). If the SETSEAL A / SETBRICKSEAL has cured, it must be thoroughly rewetted and all free water removed prior to the application of SETSEAL TANKING. Should the SETSEAL / SETSEAL A / SETBRICKSEAL still be 'green' then rewetting will not be necessary.

Application

SETSEAL TANKING should be applied to the primed substrate by trowel application. Wherever possible, SETSEAL TANKING

should be applied on the water pressure side of the substrate in one or two uniform coats dependant on water pressure, at 2.6 to 3 kg per sq. m. per coat, resulting in a nominal thickness of 5mm per coat.

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Working Time

SETSEAL TANKING has a working time of approximately 30 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

SETSEAL TANKING can be stored under dry condition in original sealed packs up to 6 months under shade.

COVERAGE

25 kg pack yields approximately 13 litres which covers 2.6 sq.m. for 5mm thickness.

PACK

25 kg bag.

ADDITIONAL INFORMATION

SETSEAL can be over coated or rendered with other decorative products from Don Construction Chemicals India Ltd.

Curing

SETSEAL range of waterproofing systems are cement-based products and in common with all such materials must be cured in accordance with good concrete practice. The use of a

sprayed on curing aid such as SETCRETE 8 (see appropriate data sheet) or wet hessian combined with polythene sheeting is recommended to prevent rapid drying, especially during the early stages of curing.

The system should be allowed to cure for a minimum of 5 days at 20°C before subjecting to full service.

PRECAUTION

SETSEAL range of waterproofing systems should not be placed when the substrate or ambient temperature is 5°C or less. They should be protected from frost. Maximum recommended water quantity should not be used. These products will not suppress rising dampness.

SURFACE PREPARATION

All leaks and water jets must be stopped using SETPLUG plugging compound.

Substrate must be sound, clean and free from loose particles or laitance or contamination should be wire brushed.

Where cracks are present, they must be treated first depending on the type of crack.

SETSEAL range of waterproofing systems may be applied to fresh concrete as soon as the shuttering is struck. Ensure that all mould release oil has been removed first.

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.

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