



Technical Data Sheet

SETPLUG

Fast setting plugging compound

DESCRIPTION

SETPLUG is a single part fast setting hydraulic compound that instantly stops flowing water and seepage through concrete and masonry surfaces.

PROPERTIES

SETPLUG is a non-shrink material that expands slightly and sets in approximately 3 minutes depending on the temperature of the mixing water and the surface to which it is applied. It sets under water. It has high structural strength and exceptional durability.

USES

SETPLUG will stop running water and seepage through cracks and holes in concrete and masonry walls, dams, wells, tanks, walls and floor junctions. It can be used as grout around pipes and conduits and can be used as an anchoring product and a rapid set filler.

INSTRUCTIONS FOR USE

Surface Preparation

Before the application of SETPLUG, masonry around the hole or crack should be chiseled out to a depth and width not less than 25mm. If areas to be patched are holding water under pressure, weep holes should be made at the base of the wall to relieve pressure.

Mixing

SETPLUG should be gradually added to clean water and mixed with a small trowel for 45 seconds. Water and powder should be mixed in the ratio of 1:4 by volume or 1:5 by weight.

Priming

No priming is necessary.

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Application

The prepared SETPLUG is held in a gloved hand until heat generation is felt and then forced into the crack or void. Hardening will take approximately 3 minutes. After the material has been allowed to harden and no sign of water ingress is visible, it is advisable to overcoat with SETSEAL / SETSEAL A / SETSEAL TANKING system.

Curing

Under normal circumstances or if the material is to be overcoated, then no curing is necessary. Under severe drying conditions, the use of a sprayed on curing membrane such as SETCRETE 8 (see appropriate data sheets), wet hessian or polythene sheeting is recommended to prevent rapid drying.

STORAGE LIFE

SETPLUG has a shelf life of 6 months in sealed containers under shade in dry condition.

YIELD

A 5kg bag will yield approximately 2.6 litres.

PACK

5 kg bag.

ADDITIONAL INFORMATION

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

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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