

SAFEGUARD**MANUFACTURERS & DISTRIBUTORS OF WATERPROOFING & DAMP PROOFING PRODUCTS.**

Chemicals S.A.

Reg No 2005/149627/23

RAPID SETTING PLUG

**A rapid setting, plugging mortar to seal leaks
and stop running water**

RAPID SETTING PLUG

Rapid Setting Plug is a rapid setting, plugging mortar supplied in powder form.

It is a blend of activating chemicals, cement and high grade silica aggregates.

It requires only the addition of water and hardens in a matter of seconds to seal leaks and even running water. Water flow can be stopped by mixing the **Rapid Setting Plug** to a malleable consistency and using as a plug.

TYPICAL APPLICATIONS

Water retaining structures, basements, lift wells, inspection pits, tunnels and underground structures.

Joint filling, concrete tunnel segments and pipes.

Pointing and patching repairs prior to application of waterproof renders.

ADVANTAGES

Rapid setting – typically 30-60 seconds

Easy to use – simply add water

Chloride free – no risk to steel reinforcement

Non-toxic – suitable for use in potable water systems

Pre-mixed- giving consistent quality and results

METHOD OF USE

The surface must be free of oil, dust, dirt, paint curing compounds and clean and free of all friable material or other contaminants that could impair adhesion.

MIXING

Pour clean water into mixing container. Gradually add the **Rapid Setting Plug** powder to the water at the same time mixing with a small round trowel. Mix to the consistency of window putty with **NO** slump and for no longer than **30** seconds. **DO NOT** re-temper.

When properly mixed, **Rapid Setting Plug** may be formed by hand into a ball. The initial set is very fast, so you must work very quickly. Water, substrate and atmospheric temperature will have an effect on setting time.

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APPLICATION

Rapid Setting Plug application is often a two-man job, one mixing small batches and the other placing and holding the material with pressure until water seepage stops.

Always force **Rapid Setting Plug** into the prepared crack or hole using maximum pressure.

In the case of a crack, start at the top and work down. When high water pressure is encountered, hold **Rapid Setting Plug** in your gloved hand until you feel the heat generation. At this point, force into the opening and hold in place with a trowel or by hand for a few minutes until the water stops running. Once **Rapid Setting Plug** has set for at least one hour, the surface may be coated with SWS Slurry or **SWS Fillet Seal** as required.

LIMITATIONS

Under NO circumstances should water be increased beyond the recommended ratio. Materials will have a semi-dry consistency to allow for hydration to take place with leakage water.

EQUIPMENT CARE

Clean tools and equipment IMMEDIATELY after use with water. Hardened **Rapid Setting Plug** can only be removed mechanically.

PACKAGING

5kg bags or buckets

STORAGE

Store out of direct sunlight, clear of the ground on pallets protected from rain.

HEALTH & SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to skin and eyes immediately. If accidentally ingested, seek medical attention. Reseal containers after use.

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All products should be used in accordance with the manufacturer's instructions. Whilst any information and/or specification contained herein, is 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 every possible variation in the method of its use or conditions under which it is applied cannot be anticipated.