

HAZARDOUS

Additional information is listed in the safety data sheet

Conpatch

Supplier: Permotech
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Description: Conpatch is a single pack, high strength concrete patching material that is ideal for most small repairs in concrete.

Typical Uses: Patching of imperfections such as bug holes, chips and honeycombing in concrete. Used extensively for patching precast concrete pipes.

Features: Easy preparation and use. Reasonable colour match to hardened concrete. Can be applied to a feather edge without cracking, dusting or flaking.

Application Notes

Surface Preparation – General: The concrete to be patched must be clean, sound and moist but not surface-wet. A rough surface with aggregate exposed is preferable.

Surface Preparation – Concrete: Conpatch should be mixed in a bucket or other clean receptacle in a convenient amount which will be used in half an hour or so. A drill mounted stirrer or gloved hand are suitable for mixing. For best results, only enough water should be added to achieve a consistency in the range from dough to mortar. This will require about a cupful of water per kg of Conpatch. The more water, the weaker the patch and the greater the likelihood of shrinkage crackling. The mixed Conpatch may be applied by trowel or bag, according to the situation. For

areas deeper than 10mm, an equal volume of aggregate of appropriate size should be included in the mixture. Conpatch is formulated to perform without priming or curing. However, the quality of the patch will be enhanced where it is possible to keep the patch moist or protected from drying winds during the first 24 hours. A tougher patch can also be achieved by using a Styrene Butadiene Rubber such as Gripset 11Y admixture diluted with 3 parts water and substituting this for the gauge water.

Yield: Estimated as 10 litres per bag, or enough to cover one square metre, 10 mm thick.

Strength: Under practical conditions, strength development will be governed by the curing history of the patch. Conpatch is tough and should cope with wear and tear at least as well as the base concrete without the need for special treatment. Standard compressive strength test, 30 MPa at 28 days.

Storage: Conpatch has a shelf life of 12 months when stored in a sealed bag and a dry environment.

Safety Precautions: Avoid contact with uncured product at all times. Use protective clothing including safety glasses and apply a barrier cream to skin areas that could be exposed.

Health and Safety Conpatch contains cement powders which, when mixed or become damp, release alkalis which can be harmful to the skin. During use, avoid inhalation of dust and contact with the skin and eyes. Wear suitable protective clothing: gloves, eye protection and respiratory protection equipment. The use of barrier creams provide additional skin protection in case of contact with the skin, rinse with plenty of clean water, then cleanse with soap and water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately – do not induce vomiting. **Fire** Conpatch is non-flammable.

NOTE As conditions may vary considerably in consuming industries, buyers and users must assess this product's performance for their own requirements or contact the manufacturer for specific advice.



Ingredient	Proportion	CAS No.
Silica, Crystalline Quartz	>60%	14808-60-2
Cement, Portland Cement	10 - < 30%	65997-16-2
Ingredients determined to be non hazardous or less than cut-off values	10 - < 30%	N/A

20 Kg