webercem ADVANCED

Product Overview

weber
SAINT-GOBAIN

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WEBERCEM ADVANCED PRECISION GROUT

General-purpose, shrinkage-compensated, cementitious grout for dry packing, grouting, bolt fixing and bedding of machinery.
webercem advanced precision grout is a premixed cementitious grout developed for applications where a grout with good flow and strength is required. It is based on specially selected Portland cements, graded aggregates and admixtures including a special form of carbon.

The formulation produces a grout which conforms to ASTM C827 Early Volume Change of Cementitious Mixtures & DTp Specification c2600, Clause 2601.4

WEBERCEM ADVANCED PRECISION GROUT SP

High-flow, high-strength, shrinkage compensated, cementitious precision grout.
webercem advanced precision grout SP has the same benefits as webercem advanced precision grout but also offers better flow, greater initial and long term strength the formulation again produces a grout which conforms to ASTM C827 Early Volume Change of Cementitious Mixtures & DTp Specification c2600, Clause 2601.4.

Click on the product titles to view the datasheet on the Resapol website

Both products can be applied at 10mm to 100mm.
If greater thickness is required then we recommend webercem advanced repair concrete at 100mm to 500mm.

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WEBERCEM ADVANCED REPAIR CONCRETE

A pre-blended, high flow, cementitious concrete based on rapid hardening Portland cement and non-reactive aggregates. Requiring only the addition of water, they produce high strength recasting concretes which incorporate shrinkage compensators. Can be gravity fed by funnel and suitable pipes or pumped via suitable equipment and can be used in the repair of various structures where large shuttered repairs are required.

Conformity testing to BS EN 1504-3 has confirmed that webercem advanced repair concrete meets the requirements for a Class R4 repair product.

WEBERCEM ADVANCED REPAIR CONCRETE CP

A pre-blended cementitious repair concrete which fully complies with the Highways Agency Specification for Highway Works Class 29F high-strength flowing concrete. Contains non-reactive aggregates and low soluble-alkali cement content of low resistivity Suitable repair and or overlay for cathodic protection systems. Contains RHPC & GGBS to clause 1702, 5mm non-reactive carboniferous limestone to clause 1704, super plasticiser and shrinkage compensating agents. Does not contain micro-silica.

Conformity testing to BS EN 1504-3 has confirmed that Five Star Repair Concrete CP meets the requirements for a Class R4 repair product.

LARGE SCALE CONCRETE REPAIRS

These often have congested reinforcement configurations, require high performance recasting concretes meeting the stringent requirements of the Highways Agency specifications.

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Application Advice

from Paul Rigby

Resapol National Technical Support Manager

Bearing plates, equipment and machinery which have precise tolerances for alignment or require uniform support cannot be placed directly on finished concrete surfaces. Both the concrete surface and the machine base may have irregularities which result in alignment difficulties and bearing load concentrations. For this reason, base plates or soleplates are aligned and levelled by shimming or other means and the resulting space between the plate base and the foundation is filled with a that will load transfer material.

After placement and hardening in the space between base and the foundation, the grout is expected to perform one of the following functions:

1. Permanently maintain the original level and alignment of the bearing plate, machinery or equipment and transfer all loads to the foundation when shims and other temporary position devices are removed.

2. Provide lateral support for the plate and corrosion protection for shims which are designed to transfer all loads to the foundation.

3. Precision grouts should provide an effective EBA (Effective Bearing Area), which is the actual area of contact under a bearing plate, free of air bubbles and voids.

If you have any questions or need further advice please don't hesitate to contact Paul - **prigby@resapol.com**

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