



constructive solutions

FOSROC® XR Cobbleset

High flow, shrinkage compensated rapid setting grout



Uses

FOSROC® XR Cobbleset is used for the rapid pointing of granite setts, pre-cast concrete stone pavements and slabs. FOSROC® XR Cobbleset is especially beneficial in heavily pedestrianised areas, where a rapid reopening to the public is required.

Recommended applications include:

- Pointing of granite setts
- Fixings bollards and street furniture
- Grouting beneath signpost base plates

Advantages

- Rapid strength gain – will accept foot traffic in 30 minutes
- Pre-mixed and bagged material which only requires the addition of clean water
- Shrinkage compensated formulation
- Excellent bond strength
- Easy to mix
- Manufactured under an approved BS EN ISO 9000 Quality System

Description

FOSROC® XR Cobbleset is supplied as a pre-mixed blend of cements, silica sands and additives, which only require mixing with clean water to produce a consistent mortar. It has excellent bond strength without the use of a primer and can be applied in thicknesses of 5mm to 100mm in one application.

FOSROC® XR Cobbleset has been specifically formulated for grouting between granite setts with rapid return to service and is particularly useful when a fast reopening to pedestrians is required.

Technical Service

Fosroc offers a comprehensive range of high quality, high performance construction products. In addition Fosroc offers worldwide technical support to specifiers and users of its products.

Properties

Property	Typical result
Compressive Strength @ 20°C (BS 1881, Part 116:1983)	120 mins: 25N/mm ² 7 days: >35N/mm ² 28 days: >40N/mm ²
Working life	5 –15 minutes*
Return to service	30 minutes*
Fresh wet density	2200 Kg/m ³

*dependant on temperature

Instructions for use

Preparation

The granite sett surfaces should be free from contamination, oil and any loose material. All loose material must be removed from joints to be filled. Blow clean the prepared area with oil-free compressed air. The base must be sound and pre-wetted prior to FOSROC® XR Cobbleset being applied.

Remove all free standing water prior to application.

Mixing

For quantities up to 50 kg a suitable drill and paddle is suitable. Larger quantities will require a mechanically powered grout mixer.

The selected water content (between 3.7-3.9 litres depending on whether grouting is carried out on a level surface or slopping area) should be measured into a suitable bucket. Slowly add the total contents of the FOSROC® XR Cobbleset bag, mix continuously for 3 minutes ensuring a smooth, even consistency is obtained.

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Application

- FOSROC® XR Cobbleset can be applied in thicknesses up to 100mm in one pour
- FOSROC® XR Cobbleset can be applied over small areas using a watering can or spouted container. For larger areas FOSROC® XR Cobbleset is poured over the entire area and worked into the joints using a squeegee
- After application any excess must be removed from the area by a suitable method

Cleaning

- Clean any mixing equipment with water immediately after mixing and prior to the initial set
- Cured material can only be removed mechanically
- Wash all tools frequently

Limitations

Temperature

Should not be applied when the substrate and/or air temperature is 1°C and falling. At 1°C static temperature or at 1°C and rising, the application may proceed. If in doubt contact the local Fosroc office.

Never remix or add water.

Storage

Storage conditions

Store in dry conditions in the original, unopened bags or tubs at between 5°C and 35°C.

Shelf life

6 months if stored as above. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced to less than 3 months.

Estimating

Supply	25 kg bags
Yield	13 litres approx

Health & safety

- Irritating to respiratory system and skin
- Risk of serious damage to eyes
- May cause sensitisation by skin contact
- Do not breathe dust
- Avoid contact with eyes
- Wear suitable gloves and eye/face protection
- In case of contact with eyes, rinse immediately with plenty of water. If discomfort continues seek medical advice

Fire

FOSROC® XR Cobbleset is non-flammable.



Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Services, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it.

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