

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 pedestrianized 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 5 - 100 mm 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.

Properties

Compressive Strength (BS 1881 , Part 116:1983) (@ 20°C)	120 minutes	> 25 N/mm ²
	: 7 days	> 35 N/mm ²
	28 days	> 40 N/mm ²
Working life	: 5 - 10 minutes ⁽¹⁾	
Return to service	: 30 minutes ⁽¹⁾	
Fresh wet density	: 2200 Kg/m ³	

Note (1): dependant on temperature



Instructions for use

Preparation

The granite sett surfaces should be free from contamination, oil & 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 sloping 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.

Application

- FOSROC XR Cobbleset can be applied in thicknesses up to 100 mm 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

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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.

Technical support

Fosroc offers a comprehensive technical support service to specifiers, end users and contractors. It is also able to offer on-site technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world.

Estimating

Supply	: 25 kg bags
Yield	: 13 litres approximately

Storage

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

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.

Precautions

Health & safety

- Irritating to respiratory system and skin
- Risk of serious damage to eyes
- May cause sensitization 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.

* Denotes the trademark of Fosroc International Ltd.



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 Service.

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