

INSTALLATION GUIDELINES

EXTERNAL CAST STONE WINDOW SILL

DESCRIPTION

CMS Danskin Acoustics External Cast Stone Window Sills are manufactured using high quality crushed rock fines and a blend of sands giving the appearance of natural stone.

STORAGE

- Don't store pallets on sloping or uneven ground
- Make sure storage area is flat, level and dry
- Never stack pallets and large units on top of each other
- When unpacking products, do not burst open the wrapping either by hand or with site tools. It should be cut open with a knife, taking care not to damage the faces
- When moving pallets of cast stone units, always re-use interior packing to prevent damage to faces, arrises and profiles

SITE HANDLING

The safe handling of cast stone components is essential in order to ensure that they remain undamaged. Where handling information is not clear, contact the supplier for further recommendations.

- A manual handling assessment should be carried out before the units or pallets are moved
- Always use suitable plant for moving the product around site and ensure wherever possible that units are delivered to the work area before any obstructions are put in the way
- Units should be adequately supported to ensure ease of handling. Care must be exercised not to drop the product
- Re-use interior packing to protect faces and arrises etc. during site handling
- Care should be taken not to slide the units across each other

CUTTING

External Cast Stone Window Sills should be cut with a diamond tipped masonry blade which should ideally be water fed. Once

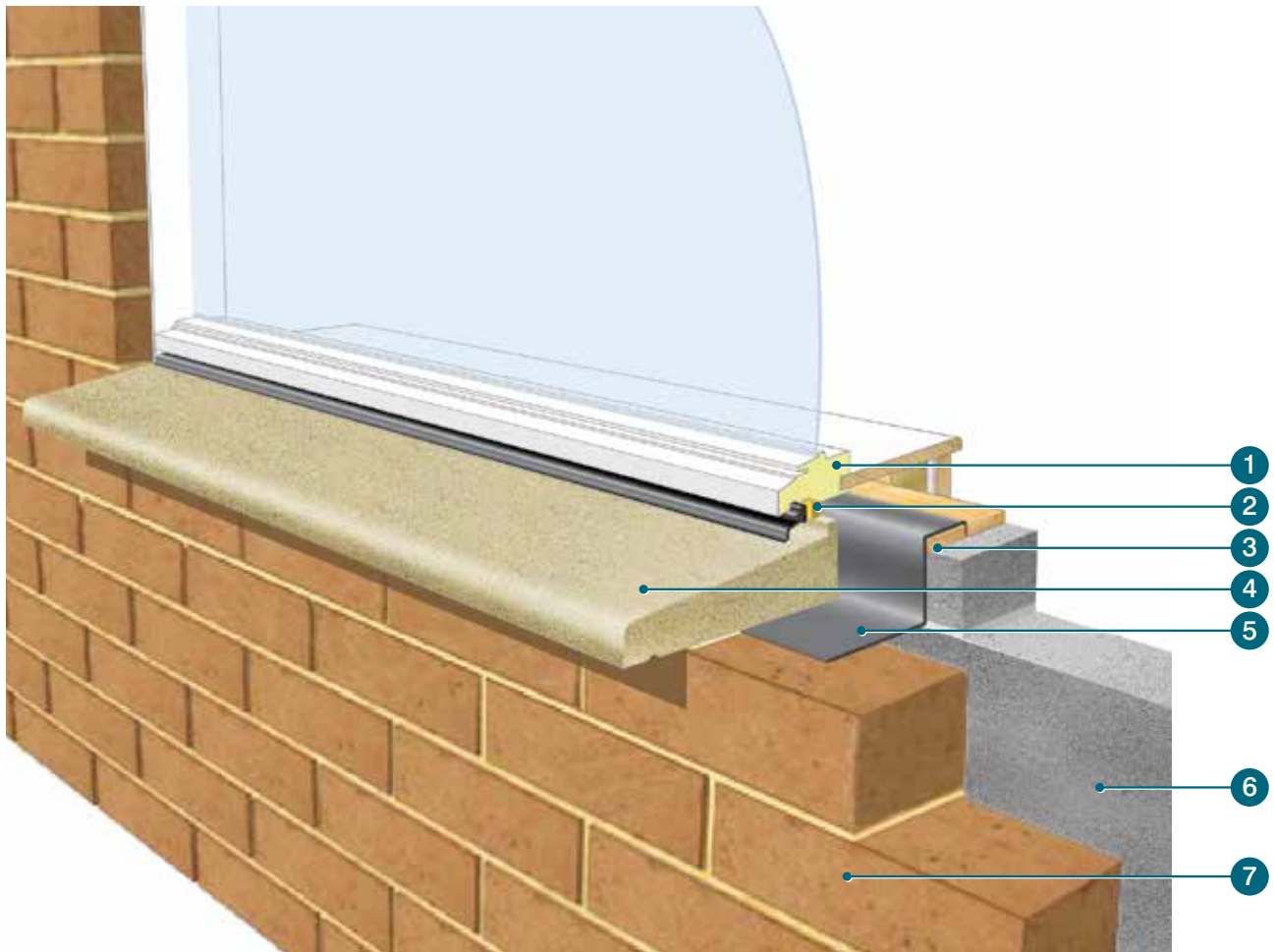
cut, all units should be washed down to remove any excess dust. Due regard should be given to protecting the operative in accordance with current Health & Safety considerations for dust suppression and elimination in the workplace. Alternatively CMS Danskin Acoustics offer a cut to size service from the manufacturing factory in Wishaw, Scotland.

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- Suitable provision should be made for a horizontal DPC below the sill
- Typically, cast stone products are designed to be fixed with joint sizes of between 5-10mm between the units
- Sills should be laid on pads of mortar rather than on a continuous bed. Pointing should then be carried out around the sill
- All units should be laid and adjusted to final position while the mortar is still plastic
- Mortar exuding from joints should be cut away without smearing the face of the unit
- Protect all unfinished masonry with polythene
- During hot dry weather, the faces to be jointed should be lightly sprayed with clean water to reduce initial suction and to prevent the cast stone from removing too much moisture from the mortar. If this does occur, there may be insufficient water left in the mortar to fully hydrate the mix and this will result in a dry, powdery joint which may be substantially weaker than anticipated in terms of bond strength. However, it should be noted that the use of water reducing admixtures or other water resistant additives, introduced into the cast stone during manufacture may reduce the effectiveness of spraying the joint with water. Ideally, the correct designation of mortar should be specified in the first instance, to suit the environment.

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- 1 Window frame
- 2 Mastic/Silicone pointing
- 3 10mm timber packing
- 4 External Cast Stone Window Sill
- 5 Damp Proof Course
- 6 Inner blockwork
- 7 Outer brickwork

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