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CEMENTAID

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SPECIFICATION FOR

Efflorescence Control Admixture

Cement Based Pavers, Blocks & Mortar Beds

Efflor-X*

REQUIREMENT:

Permanent protection against unsightly efflorescence emanating from cement based pavers, tiles and blocks, and from mortar or tile beds.

Extended durability and resistance to degradation of cement based pavers, tiles and blocks, renders, toppings, etc. by salt water and dissolved salts in ground water.

PRODUCT TO USE:

Cementaid Efflor-X

HOW TO USE:

Pavers, tiles and blocks

All cement based paver, tile and block mixes shall be proofed against efflorescence and salts by the addition of **Cementaid Efflor-X*** to the wet mix at the rate of 1 to 2 litres of **Efflor-X*** per 40Kg bag of cement. Rate shall be adjusted so as to eliminate all efflorescence at an optimum minimum dose of **Efflor-X***. Water contents shall be reduced to retain optimum workability.

NOTE: Dose rates vary due to differences in cement and sands from area to area. Use at not less than 2 litres per 40Kg bag of cement for severe exposure / heavy duty applications.

Mortar beds, tile grouts, renders & toppings

All mortar beds, tile grouts, renders and toppings are to contain **Cementaid Efflor-X*** at the rate of between 1 to 2 litres of **Efflor-X*** per 40Kg bag of cement. Water contents shall be reduced to match required workability.

NOTE: Dose rates may vary due to differences in cement and sands from area to area. Use at not less than 2 litres per 40Kg bag of cement for maximum protection.

EFFECTS:

1. **Efflor-X*** permanently binds the free lime in cement and cementitious mixes to prevent this material and impurities in the sand from being leached out to the surface and forming surface efflorescence on moulded products or in mortar and tile beds and grouts.
2. **Efflor-X*** enhances the dispersion of all colour pigments in paver, tile and block mixes, giving better depth of colour for the same amount of pigment, while also giving better resistance to staining in service.
3. **Efflor-X*** enhances workability of the mix for more rapid filling and compacting of moulds and ensures better quality finishes and texture.
4. **Efflor-X*** reduces water penetration into pavers & blocks, increasing strength & durability and reducing damage during handling and service.

WHERE RECOMMENDED:

All mortar and tile beds and grouts where uncontrolled efflorescence would otherwise discolour or mar the appearance of the finished, in place product.

All concrete and cement based pavers, tiles and blocks that will be exposed to wetting / drying or rising damp, salt water swimming pools, etc.

COMPATIBLE CEMENTAID PRODUCTS

Consider the use of **Cementaid Superplastet F** for rapid and early strength gains of paver, tile and block mixes, to improve productivity as well as further enhance colour pigment dispersion. **Superplastet** is compatible with **Efflor-X***.

Where a permanent bond of mortar beds / toppings, etc. to substrate is required, Cementaid recommend the use of **Cementaid WELDCRETE** bonding agent for super strength adhesion even in wet areas.



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INDUSTRIAL FLOOR SPECIFICATIONS • CONCRETE WATERPROOFING & CORROSION-PROOFING ADMIXTURES
OIL & SOLVENT PROOFING • SURFACE TOUGHENING & DUSTPROOFING • ANTI-CORROSION IMPREGNATIONS
RAPID HARDENING • RETARDING • GEL CONTROL AGENT • MORTAR AND DAMPCOURSE ADMIXTURES, etc.

The information and recommendations herein are, as a result of experience and testing, accurate to the best of the seller's knowledge. However, as the proposed use and the circumstances surrounding such use are not known to the seller, it does not guarantee or warrant the product's suitability in any particular instance and shall not be liable for any loss or damage consequent upon any use whatsoever unless the seller has otherwise stipulated the product's suitability for a particular use in writing signed by a Director of the seller.

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