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SPECIFICATION FOR

CASE-HARDENING & DUST-PROOFING LIQUID

DIAMITE*

REQUIREMENT:

Protection of concrete surfaces against erosion, wear and damage caused by severe abrasion/heavy traffic/fork lifts etc. Increased abrasion resistance of floor surfaces. Elimination of dust produced from concrete surfaces. Hardened and densified surface, with increased resistance to chemical /acid attack.

PRODUCT TO USE:

DIAMITE

HOW TO SPECIFY:

All surfaces (specify areas) shall be chemically case-hardened when clean, dry and a least fourteen days old by a double application of **CEMENTAID DIAMITE** surface hardening liquid, allowing partial drying between applications (1-3 hrs), and a total quantity not less than 1 litre per 2 square meters (i.e. 1 litre per 4m, per application).

Methods of application shall comply with manufacturer's instructions – between 4 and 6 hours after the second **DIAMITE** application, the surface shall be thoroughly washed with clean water and scrubbed by a **Stiff Birch Broom or Mechanical Scrubbing Machine**, to remove excess efflorescence which may appear from impurities in the cement. Do not allow any efflorescence to dry out or harden, as subsequent removal may be difficult. New concrete floors should be cured 2-4 weeks and allowed to dry out before a **DIAMITE** treatment.

EFFECTS:

Abrasion tests show an increased hardness of 400-600% compared to a normal good quality floor (25MPA). Permanent in effect, due to formation of a type of synthetic quartz by chemical reaction with free lime in the surface layer of concrete. It is completely compatible with **CEMENTAID ROKITE** corrosion and stain-resistant impregnations which may follow the **DIAMITE** treatment where desired, with adequate time for drying out before application of **CEMENTAID ROKITE**.

CONTACT CEMENTAID FOR APPLICATION SERVICE.

WHERE RECOMMENDED:

All industrial floors. Concrete floors subject to severe abrasion/traffic, etc. Concrete floors subject to acid spillage, or to organic acids from animal/vegetable matter, waste, etc.

NOTE:

Where **DIAMITE** is to be used, membrane curing agents should not be applied. Use ponding or water spray.



Australian owned

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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