DESCRIPTION:
Two pack product, commonly described as a modified mortar. When mixed, ADFLEX MSP is cementicous in appearance and consistency and can be applied by trowel, hopper spray gun, squeegee, paint roller or broom, depending on the application and desired finish.

PROPERTIES:
ADFLEX MSP forms a protective coating over the surface to which it is applied; it is exceptionally durable, hard-wearing, skid resistant and is unaffected by temperature extremes. ADFLEX MSP is waterproof and resistant to dilute mineral acids, when applied in accordance with manufacturer’s specifications.

VERSATILITY:
ADFLEX MSP is simple to apply, easy to maintain and very easy to repair. The multiple uses of ADFLEX MSP eliminate the need to consider a variety of products – ADFLEX MSP “Does it all.”

PRINCIPAL USES:
ADFLEX MSP provides an extremely strong coating for a variety of solid external and internal surfaces including concrete, concrete blocks, steel, timber, fibre cement, polystyrene, glass, etc. ADFLEX MSP bonds well to these materials and can be applied in a very thin coat or feathered from thick to thin.

PERFORMANCE:
Extensive testing suggests that ADFLEX MSP, when applied in accordance with manufacturer’s specifications, has a long durable life.

PRACTICALITY:
ADFLEX MSP is a two - component product.
Part A ( BASE ) a powder base blend of special cements, additives and graded aggregates.
Part B ( Modifier ) a water-based liquid resin Simply blend the liquid resin component with the powder base to the desired consistency. Blend by mechanical means. The liquid resin component has been specifically formulated for the powder base. “Do not add water.” Protect against quick drying by winds and direct sunlight with high temperatures, by fog-spraying with water for a minimum 2hrs after application.

PACKAGING:
PART A: 20 Kilogram Bag
PART B: 5/10 Litre Pail

APPLICATION SPECIFICATIONS:
PREPARATION:
Surfaces must be structurally sound.
Remove all dags and nibs.
Remove any surface oil and grease.
Remove all trace of efflorescence prior to application.
Remove all surface dirt with Water Pressure Cleaner. Surface must be wet prior to application.

Dense, non-porous concrete may require acid etching.

MIXING:
Use clean 20 litre pail, concrete mixer or other suitable receptacle. Add the liquid component, part B, to the receptacle and slowly agitate. Continue agitation whilst slowly adding the, part A, powder base. Slowly increase agitation to avoid lumps, at the same time making sure not to induce excessive air. Continue agitation until all of the powder base has blended to a homogenous consistency. Generally 2-3 minutes. Allow to stand for 2 minutes before using.

CONSUMPTION:
For waterproofing purposes a typical blend shall be, 20kg Base : 6-7 kg Modifier. Apply two coats at approximate rate of 1.25-1.5 kg/m², achieving a total consumption of 2.5-3.0 kg/m². Consumption will vary depending on porosity and substrate conditions.

CLEANING:
Clean all tools and equipment with water immediately after use. Cured product can only be removed by mechanical means.

APPLICATIONS:
Application methods include;
*Trowel
*Trowel & Screed
*Squeegee & Broom
*Spray Gun (Hopper type)
*Paint Roller / Brush / Broom.
*Waterproofing basements
*Waterproofing underground car parks
*Waterproofing planter boxes
*Waterproofing concrete block walls
* Will seal against positive and negative water pressure.
*Waterproofing balconies & podiums
WATERPROOF MULTI SURFACE PROTECTOR

ADFLLEX MSP

*Decorator coating for exterior & interior walls
*Protection for retaining walls (concrete or polystyrene)
*Non slip floors & stairs
*Re-leveling Ponding
*Repair damaged concrete
*Repair rain damaged slabs
*Repair kerbs & gutters
*Repair staircase treads & rises
*Repair airport pavement
*Repair parking areas
*Repair driveways
*Suitable for marine environment

DO NOT apply at temperatures below 10 °C or above 30-32 °C

CLEANING:
Clean all tools and equipment with water immediately after use. Cured product can only be removed by mechanical methods.

HEALTH AND SAFETY:
Both components are non-toxic. The powder base is abrasive and should be handled accordingly. Avoid eye and skin contact for both components. Use protective rubber gloves and safety goggles when mixing and during application. In case of eye contact, rinse thoroughly with clean water, avoid rubbing the affected area. In case of skin contact, wash the affected area with water and soap. If irritation persists, seek medical assistance..

PRECAUTIONS:

TECHNICAL SPECIFICATIONS:

GENERAL:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spreading Rate (per 25Kg blend)</td>
<td>14m² @ 1mm thick</td>
</tr>
<tr>
<td>Drying Time @ 25°C (2mm thick)</td>
<td>3-4 hours</td>
</tr>
<tr>
<td>Re-coat Time @ 25 °C (2mm thick)</td>
<td>24 hours</td>
</tr>
<tr>
<td>Trafficability @ 25 °C (2mm thick)</td>
<td>24 hours</td>
</tr>
<tr>
<td>Water Permeability (2mm thick)</td>
<td>Excellent (no penetration)</td>
</tr>
<tr>
<td>Chemical Resistance (commercial)</td>
<td>Excellent</td>
</tr>
<tr>
<td>Dilute mineral acid resistance</td>
<td>Excellent</td>
</tr>
<tr>
<td>Abrasive Index (Main Roads MA20)</td>
<td>Excellent (3.9)</td>
</tr>
<tr>
<td>Skid Resistance (Main Roads Q704)</td>
<td>Excellent (SRV=81 wet and 97 dry)</td>
</tr>
<tr>
<td>Cyclone Rating</td>
<td>Class E (highest possible result)</td>
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<tr>
<td>Comprehensive Strength</td>
<td>Up to * 57. mpa</td>
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<tr>
<td>Flexural Strength</td>
<td>Up to * 9.9 mpa</td>
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<tr>
<td>Tensile Strength</td>
<td>Up to * 5.7 mpa</td>
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<tr>
<td>Shearbond</td>
<td>Up to * 7.0 mpa</td>
</tr>
<tr>
<td>Modulus of Elasticity</td>
<td>17.7 gpa</td>
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<tr>
<td>Freeze/Thaw (-5 °C +27 °C)</td>
<td>No effect</td>
</tr>
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</table>

The information presented in this data sheet does not imply any warranty. Further, the maker reserves the right to alter the product, the specification and/or the application techniques as described herein without prior notice, in line with his policy of technological advancement and product improvement. Whilst any information and/or specification contained herein is to the best of our knowledge and experience, all of the above information must in every instance be taken as merely indicative and subject to confirmation after long-term practical applications. For this reason, anyone intending to use the product must ensure beforehand its suitability for the envisaged application. In every instance, the user alone is fully responsible for any consequences deriving from the use of the product. Furthermore, no warranty is given or implied in connection with any recommendations or suggestions made by us or our Representatives, Agents or Distributors as conditions of use and any labour involved beyond our control.

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