



# Flower

Architectural & Decorative Coatings

## Flower Tile Filler/ Hardener

Update: 30/8/2011

### PRODUCT SPECIFICATION

|                       |                              |
|-----------------------|------------------------------|
| <b>PRODUCT NUMBER</b> | #909/ 909B                   |
| <b>PRODUCT NAME</b>   | Flower Tile Filler/ Hardener |

### INTRODUCTION

|                            |   |
|----------------------------|---|
| <b>RECOMMENDED USES</b>    | For decorating the substrate surfaces, such as ceramic tile, mosaic and marble etc.   |
| <b>PRODUCT DESCRIPTION</b> | <p>This product is widely applied to ceramic tile, mosaic and marble surfaces. It provides new smooth surface for refined decoration of the substrate surfaces.</p> <ul style="list-style-type: none"> <li>• Non-toxic and unharmed, comply with health and environmental requirements</li> <li>• Good thixotropy, obtain smooth surface through simple smear</li> <li>• Good affinity to the smooth substrate such as ceramic, strong viscosity and hard to peel</li> <li>• Excellent weather, crack, peel, powder and penetrate resistance</li> </ul> |

### TECHNICAL DATA

|  |  |                                       |  |  |
|--|--|---------------------------------------|--|--|
| <b>VEHICLE</b>                           | Cement, well-chosen fineness powder and polymer additive |                                       |  |  |
| <b>COLOUR</b>                            | Grey   |                                       |  |  |
| <b>FINISH</b>                            | Gloss  |                                       |  |  |
| <b>VOLUME SOLIDS</b>                     | #909 : 100%; 909B : 45%                                  |                                       |  |  |
| <b>SPECIFIC GRAVITY</b>                  | #909 : 1.35kg/L; 909B : 1.06kg/L                         |                                       |  |  |
| <b>TYPICAL DRY FILM THICKNESS</b>        | 0.7-1.5mm  |                                       |  |  |
| <b>CALCULATED COVERAGE</b>               | * ~1 sq. m/ L/ 1 coat                                    |                                       |  |  |
| <b>DRYING TIME AT 25° C &amp; 70% RH</b> | Touch Dry  | Overcoating                           | Sanding                                  | Topcoating                               |
|  | 2 hours  | Min. - 3-4 hours<br>Max. - Indefinite | 1-2 days (Depends on weather conditions) | 3-4 days (Depends on weather conditions) |

*\* Based on theoretical consumption; factors such as paint colour, application methods, surrounding environment and substrate conditions will affect the actual consumption.*

### STANDARD PACKING

|                                |  |
|--------------------------------|--|
| <b>27.5kg set:</b>             |  |
| #909 : 25kg net in bag x 1     |  |
| 909B: 2.5 kg net in 4L Tin X 1 |  |



# China Paint

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## Flower Tile Filler/ Hardner #909/ 909B

### SURFACE PREPARATION


|  |   |
|--|---|
| <b>CERAMIC TILE/<br/>MOSAIC SURFACES</b> | <ul style="list-style-type: none"> <li>• Ensure the substrate compact, smooth and clean, with no air cavity; clean, no dirt and grease.</li> <li>• The flaw of substrate should be repaired by mortar first. If there is convexity, beat out and clean with water.</li> <li>• Remove plaster and convexity on body surface with proper equipments, such as wire-brush.</li> <li>• Use neutral cleanser and solvent or wet cloth to clean any grease filth and dust so as to remove all smear completely.</li> <li>• When the substrate temperature is too high, clean and wet the surface with water first. (DON'T leave obvious water). Then scrape mixture of #909/ 909B filler.</li> </ul> |
|--|---|


### COMPLEMENTING PRODUCTS

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|--|---|
| <b>CERAMIC TILE/<br/>MOSAIC SURFACES</b> | <ul style="list-style-type: none"> <li>• <b>Please consult our Technical Service for specific recommendation of the Flower Architectural Coating Series.</b></li> </ul> |
|--|---|

### APPLICATION

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|---|--|
| <b>MIXING RATIO</b>                     | #909 : 909B: Water = 25kg : 2.5kg: 6.8kg   |
| <b>MIXING METHOD</b>                    | <ul style="list-style-type: none"> <li>• Infuse 909B into a proper container, add suitable amount of water and stir thoroughly.</li> <li>• Mix them up by stirring machine at low speed, then add #909 powder and speed up to stir thoroughly, until there is no agglomeration and deposition.</li> <li>• Stand for 3-5 mins and remix again for 1-5 mins. (DON'T stir longer than the suggested time).</li> </ul>   |
| <b>APPLICATION METHOD</b>               | <ul style="list-style-type: none"> <li>• 1st coat: Scrape and smooth with trowel. Control the thickness in between 0.3-0.7mm.</li> <li>• 2nd coat: Scrape next coat after the first coat surface is dry. Control the thickness in between 0.7-1.5mm. Apply suitable primer after 3-7 days.</li> <li>• Recoat after the suggested self-recoat time. Short self-coating time will cause the underneath film dry slowly, resulting in crinkle, poor water resistance and adhesion.</li> <li>• Maintain the dried scraped surface with water for 1-2 days, so as to reach the optimal effect.</li> </ul> |
| <b>REDUCTION/<br/>CLEANSING SOLVENT</b> | Water  |

|  |  |
|--|--|
| <b>OTHER CONSIDERATIONS</b><br><br> | <ul style="list-style-type: none"> <li>• For proper curing of paint, the surface temperature should be 8°C or above and the relative humidity should not exceed 85%.</li> <li>• The mixed paste with water must to use up within 2-3 hours.</li> <li>• The dried paste can not add water to mix and reuse.</li> <li>• Wash all equipments with solvent promptly after application.</li> <li>• Use as soon as possible once opened the package, the left powder should not store for ages as it is easy be affected with damp.</li> </ul> |
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|   |  |
|---|--|
| <b>HEALTH &amp; SAFETY PRECAUTIONS</b><br><br> | <ul style="list-style-type: none"> <li>• Provide adequate ventilation during paint application.</li> <li>• Wear fume masks and protective clothings to avoid skin contact or inhalation of spray mist.</li> <li>• If the product comes in contact with the skin, wash thoroughly with luke warm water, and soap or suitable cleanser.</li> <li>• If the eyes are contaminated, flush with water or diluted boric acid solution for minimum 10 minutes and obtain medical attention at once.</li> <li>• Keep out of reach of children.</li> </ul> |
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\* Type of Regulation Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong : P08-13  
VOC content (ready to use) ≤ 50 g/L

The information given in this sheet is for guidance only and no warranty is provided. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage arising out of such use.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development. It is the user's responsibility to check this sheet is current prior to using the product.