**asianpaints**

PRODUCT CODE 5467

# SmartCare Epoxy TriBlock

Asian Paints Epoxy Tri Block is an epoxy cementitious coating for positive side waterproofing of cementitious water retaining structures.

## PRODUCT BENEFITS

**Superior Adhesion**
Good adhesion over smooth as well as cementitious surfaces

**Superior Waterproofing**
Positive side waterproofing

**Safety**
Food grade certification, fit for storing portable water

**Coating**
Microbial resistant coating

**Warranty**
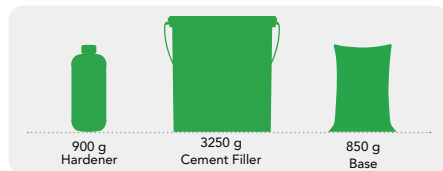2 year warranty for cementitious water retaining structure

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**LEAD FREE*GUARANTEE**
* All Asian Paints products contain no added Lead, Mercury, Arsenic or Chromium from April 2008.
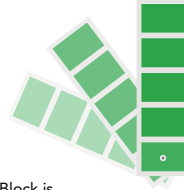
## PRODUCT FEATURES

### AVAILABLE PACKS

900 g Hardener | 3250 g Cement Filler | 850 g Base

Shelf life: 12 months from the date of manufacturing in unopened condition. Store in a cool & dry place
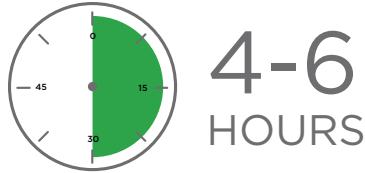
### COLOURS AVAILABLE

## White

Please note: Asian Paints Epoxy TriBlock is an undercoat

### COVERAGE

**2 COATS**
28 sq. ft. per kg

**Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness

### DRYING TIME TO TOUCH

## 4-6 HOURS

### RECOMMENDED USAGE

Domestic cement tanks, Overhead cement tanks and Waterproofing of swimming pools

## HOW TO APPLY

### PRE PAINTING STEPS

**SURFACE PREPERATION** SmartCare Epoxy Tri Block is a three-component system. The correct application procedure is very critical and should be followed as described below

> Surface must be clean, free from contamination and structurally sound.
> It is recommended that the surface should be in Saturated Surface Dry (SSD) condition.

**MIXING RATIO (by weight)** The mixing ratio is Base: Hardener: Filler = 17 : 18 : 65 in weight, after mixing the three components together, add around 15 - 25% water. (For this pack- 850 gm: 900 gm: 3.25 kg and around 750 - 800 ml water.)

### APPLICATION PROCESS

| APPLICATION | PROCEDURE |
|---|---|
| STEP 1 | Stir the individual Base and Hardener well before use |
| STEP 2 | Add Hardener into Base under continuous mixing |
| STEP 3 | In this mix, add Filler under continuous mixing |
| STEP 4 | Slowly add water (20% by weight) into the above mix under continuous mixing, till you get a homogeneous brushable consistency |
| STEP 5 | Apply the 1st coat of the above mixture over substrate using a brush and allow it to dry for 4 hours |
| STEP 6 | Apply the 2nd coat of mix perpendicular to 1st coat and allow it to dry for 4 hours |

## ADDITIONAL INFORMATION

### PRECAUTIONS

› Part mixing of Base, Hardener & Filler are not allowed.
› All kinds of paints and coatings are to be removed completely before application.
› Application over plastered / masonry surface is recommended.
› Drying time and coverage depends on the condition of the surface and ambient condition.
› Not resistant to high concentrations of acids and alkalis.

### SAFETY FEATURES

› Kindly refer to the MSDS for Asian Paints SmartCare Epoxy TriBlock which gives detailed information on safety measures.
› Store the container with the lid tightly closed in an upright position, in a cool & dry place.
› Keep out of reach of children and away from eatables.
› May be harmful if swallowed. In case of ingestion seek immediate medical attention.
› Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
› In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
› Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
› Do not pour leftover paint down the drain or in water courses.
› In the event of spills, contain spillage using sand or earth.
› No added Lead, Mercury or Chromium compounds.

### TECHNICAL DETAILS

| Properties | Results |
|---|---|
| Nature | Three component |
| Mixing ratio, By weight (Base:Hardener:Filler:Water) | 17:18:65:20 |
| Consistency | Free flowing smooth paste |
| Pot life at 30°C, Minutes | 60 Minutes |
| Surface drying time at 30°C, Minutes | 22 Minutes |
| Inter-coat periods at 30°C, Hours | 4 to 5 Hours |
| Positive hydrostatic pressure DIN 1048 | No water penetration found up till 4 bars |
| Adhesion strength as per ASTM D 4541: 02 in (N/mm$^2$) | 3 Mpa |
| Food Grade Certification | Certified safe by CFTRI Mysore (Govt. Lab) to store potable water |