

# ACC



# ACC XTRA STRONG TILE ADHESIVE - XT 111



ACC Xtra Strong Tile Adhesive -XT 111 is a grey cement based tile adhesive used for fixing small sized ceramic & mosaic tiles for internal application.

## KEY FEATURES

- Ready to use, only water to be added.
- Better bond than conventional cement based mortar
- Faster to apply due to good spreadable properties
- Excellent high strength & water retention properties
- Suitable for fixing small size ceramic & mosaic tiles on walls and floors

## ADVANTAGES

- High Quality & Easy to store dry pre-mixed powder
- Superior grip
- Excellent workability & Smooth finish
- Higher productivity & Saves time

## USES & APPLICATIONS



For Internal tiling application on walls



For Internal tiling application on floors



Tile repairs & Rehabilitation works



# SURFACE PREPARATION, MIXING & APPLICATION

## Step 1



Clean the surface to remove dust and loose particles

धूल और बिखरे कणों को हटाने के लिए सतह को साफ करें

## Step 2



Mix with 4.4 - 5 litres of water to get the right consistency

सही गाढ़ापन प्राप्त करने के लिए 4.4 - 5 लीटर पानी में मिलाएं

## Step 3



Apply using notch trowel to get a coverage of 55 - 60 sq. ft.

55 - 60 वर्ग फुट का कवरेज पाने के लिए नॉच ट्रॉवेल से लगाएं

## TECHNICAL INFORMATION

- Mixed density : 1.50-1.70 Kg/ltr
- Pot life : 120-180 minutes
- Bulk density : 1.40-1.60Kg/ltr
- Open time : 10-20 minutes

Parameter		Value
Tensile adhesion	Dry condition	≥ 750N
	Wet condition	≥ 450N
Shear adhesion	Dry condition (24 Hrs)	≥ 2.50KN
	Dry condition (14 Days)	≥ 4.00KN
	Heat aging condition	≥ 4.00KN
	Wet condition	≥ 4.00KN

Standard : Type 1 as per IS15477-2004

## COVERAGE

A 20Kg bag of ACC Xtra Strong Tile Adhesive -XT 111 gives ~55-60sq. ft coverage of 3mm thickness

## PACKAGING, SHELF LIFE & STORAGE

- Available in 20kg BOPP Bag with liner
- Store in a dry place away from moisture
- 6 months from the date of manufacturing

# ACC XTRA STRONG

## TILE ON TILE ADHESIVE - XT 222



ACC Xtra Strong Tile On Tile Adhesive - XT 222 is a grey cement based tile adhesive used for fixing medium sized tiles for internal walls & floors and external floor application

### KEY FEATURES

- Ready to use, only water needs to be added
- Faster to apply due to good spreadable properties
- Excellent high strength & water retention properties
- Suitable for fixing ceramic, mosaic & vitrified medium size tiles on walls & floors

### ADVANTAGES

- Comes with Anti-slip properties
- Excellent workability & Smooth finish
- Superior bond strength

### USES & APPLICATIONS



For Internal tiling application on walls (Medium size)



For Internal tiling application on floors (Medium size)



For External tiling application on floors (Medium size)

# SURFACE PREPARATION, MIXING & APPLICATION

## Step 1



Clean the surface to remove dust and loose particles

धूल और बिखरे कणों को हटाने के लिए सतह को साफ करें

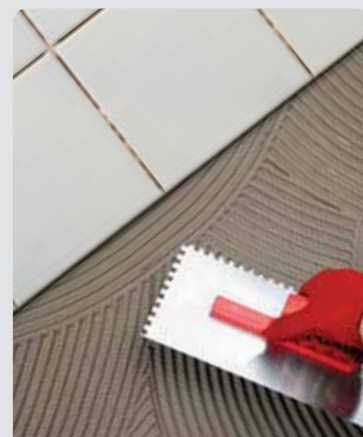
## Step 2



Mix with 4.4 - 5 litres of water to get the right consistency

सही गाढ़ापन प्राप्त करने के लिए 4.4 - 5 लीटर पानी में मिलाएं

## Step 3



Apply using notch trowel to get a coverage of 55 - 60 sq. ft.

55 - 60 वर्ग फुट का कवरेज पाने के लिए नॉच ट्रॉवेल से लगाएं

## TECHNICAL INFORMATION

- Mixed density : 1.50-1.70 Kg/ltr
- Pot life : 180-240 minutes
- Bulk density : 1.40-1.60Kg/ltr
- Open time :  $\geq 20$  minutes

Parameter		Value
Shear adhesion	Dry condition (24 Hrs)	$\geq 4.00\text{KN}$
	Dry condition (14 Days)	$\geq 10.00\text{KN}$
	Heat aging condition	$\geq 5.00\text{KN}$
	Wet condition	$\geq 5.00\text{KN}$
Tensile Adhesive Strength	Dry condition (28days)	$\geq 0.5\text{N/mm}^2$
	Water immersion (28days)	$\geq 0.5\text{N/mm}^2$
	Heat Aging (28days)	$\geq 0.5\text{N/mm}^2$
	Open time after 20 minutes	$\geq 0.5\text{N/mm}^2$

Standard : Type 2 Adhesive as per IS 15477-2004 | C1T as per EN 12004

## COVERAGE

A 20Kg bag of ACC Xtra Strong Tile On Tile Adhesive - XT 222 gives ~55-60sq. ft coverage of 3mm thickness

## PACKAGING, SHELF LIFE & STORAGE

- Available in 20kg BOPP Bag with liner
- Store in a dry place away from moisture
- 6 months from the date of manufacturing



# ACC XTRA STRONG

## EXTERIOR TILE ADHESIVE - XT 333



ACC Xtra Strong Exterior Tile Adhesive - XT 333 is a Grey cement based high polymer modified tile adhesive to provide Excellent Slip resistant & extended Open time properties which is suitable for External Wall & Floor large format Vitrified Tile, Marble, Granite, Stone etc application.

### KEY FEATURES

- Ready to use, only water to be added.
- Extended open time allows ease of application in external areas
- Excellent bonding strength & slip resistance provide good grip to large format tiles & stones

### ADVANTAGES

- Superior bond strength
- Enhances safety & durability of exterior tiles
- Excellent grip for large format tiles
- Better correction time during tile applications

### USES & APPLICATIONS



For external wall large & heavy tiling application

# SURFACE PREPARATION, MIXING & APPLICATION

## Step 1



Clean the surface to remove dust and loose particles

धूल और बिखरे कणों को हटाने के लिए सतह को साफ करें

## Step 2



Mix with 4.8 - 5.4 litres of water to get the right consistency

सही गाढ़ापन प्राप्त करने के लिए 4.8 - 5.4 लीटर पानी में मिलाएं

## Step 3



Apply using notch trowel to get a coverage of 55 - 60 sq. ft.

55 - 60 वर्ग फुट का कवरेज पाने के लिए नॉच ट्रॉवेल से लगाएं

## TECHNICAL INFORMATION

- Mixed density : 1.50-1.70 Kg/ltr
- Pot life : 180-240 minutes
- Slip test (mm) :  $\leq 0.5$
- Bulk density : 1.30-1.50Kg/ltr
- Open time :  $\geq 30$ minutes
- W/P : 24-27%

Parameter		Value
Shear adhesion	Dry condition (24 Hrs)	$\geq 4.000\text{KN}$
	Dry condition (14 Days)	$\geq 10.00\text{KN}$
	Heat aging condition	$\geq 5.00\text{KN}$
	Wet condition	$\geq 5.00\text{KN}$
Tensile Adhesive Strength	Dry condition (28days)	$\geq 1\text{N/mm}^2$
	Water immersion (28days)	$\geq 1\text{N/mm}^2$
	Heat Aging (28days)	$\geq 1\text{N/mm}^2$
	Open time after 30 minutes	$\geq 0.5\text{N/mm}^2$

Standard : Type 2 Adhesive as per IS 15477-2004 | C2TE as per EN 12004

## COVERAGE

A 20Kg bag of ACC Xtra Strong Exterior Tile Adhesive - XT 333 gives ~55-60sq. ft coverage of 3mm thickness

## PACKAGING, SHELF LIFE & STORAGE

- Available in 20kg BOPP Bag with liner
- Store in a dry place away from moisture
- 6 months from the date of manufacturing

# ACC LeakBlock

## WATERPROOF PLASTER - LB 101



ACC LeakBlock Waterproof Plaster - LB 101 is a ready to use cementitious waterproof mortar suitable for Internal & External plaster application. The unique formula consist of ACC cement ,Well graded sand & Special waterproofing & self curing additives.

### KEY FEATURES & ADVANTAGES

- Self curing
- Excellent water resistance capability
- Efflorescence resistance
- Higher bond Strength
- Less Rebound Loss
- Saves Time/Cost
- High coverage
- Easy to use and apply, just add water
- Dual function plaster & Patch repair

### USES & APPLICATIONS



External plastering of walls



Internal plastering of walls & ceilings



Other general purpose repair & patch work



# SURFACE PREPARATION, MIXING & APPLICATION

## Step 1



Clean the surface to remove dust and loose particles

धूल और बिखरे कणों को हटाने के लिए सतह को साफ करें

## Step 2



Mix with 2.4 - 2.8 litres of water to get the right consistency

सही गाढ़ापन प्राप्त करने के लिए 2.4 - 2.8 लीटर पानी में मिलाएं

## Step 3



Apply using trowel to get a coverage of 10 - 12 sq. ft.

10 - 12 वर्ग फुट का कवरेज पाने के लिए ट्रॉवेल से लगाएं

## TECHNICAL INFORMATION

- Mixed density :-1.8-1.95 Kg/ltr
- 28 day compressive strength :-10-15Mpa
- Pot life :-50-60 minutes
- W/P :-12-14%
- Bulk density :- 1.60-1.8Kg/ltr
- Pull-out bond strength :- $\geq 0.5$ Mpa
- Capillary absorption coefficient (Wc 2)=  $\leq 0,20$  kg/(m<sup>2</sup>·min<sup>0,5</sup>)

Standard : EN 998-1;2017-02

## COVERAGE

A 20Kg bag of ACC LeakBlock Waterproof Plaster - LB 101 gives ~10-12sq. ft coverage of 10-12 mm thickness

## PACKAGING, SHELF LIFE & STORAGE

- Available in 20 Kg BOPP Bag with Liner
- 6 months from the date of manufacturing
- Store in a dry place away from moisture

# ACC LeakBlock

## Cement Mix - LB 202



### Integral Waterproofing Compound for Concrete and Plaster



ACC LeakBlock Cement Mix LB-202 is an Advanced polymer technology based Integral Waterproofing compound for concrete and plaster

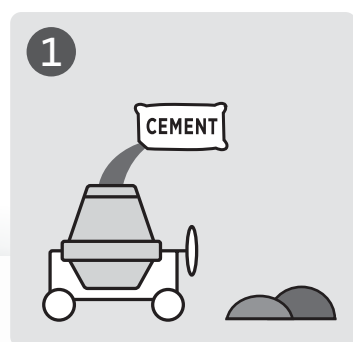
#### KEY FEATURES

- Prevents crack development in concrete
- Improves workability of fresh mix concrete and plaster
- Protects steel against corrosion

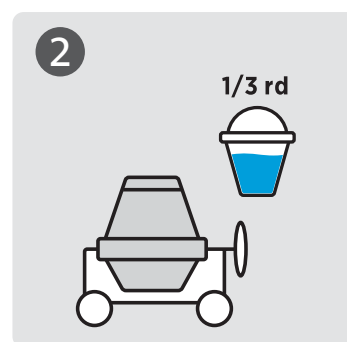
#### AREAS / RECOMMENDED APPLICATIONS

- Roof Slab
- Columns and Beams
- Foundation
- All general purpose Concrete & Plaster

#### METHODS OF APPLICATION



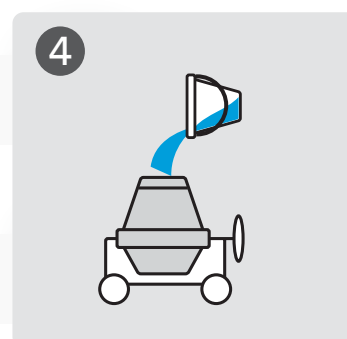
1 Mix cement, sand and aggregates in dry state as per mix design in a mixer.



2 Add 1/3rd part of total water required in the mixer and mix thoroughly.



3 Mix ACC LeakBlock Cement Mix LB-202 adds another 1/3rd part of water and adds to mixer.



4 Slowly add the balance 1/3rd water till the required slump is achieved. Do not add excess water.

## TECHNICAL INFORMATION

Sr. No	PROPERTIES	RESULT
1	Aspect	Free flowing liquid
2	Colour	Brown
3	Specific gravity @ 25°C	1.05 ± 0.02
4	pH Value	10 – 11.5
5	Total Solid Content (%)	13 ± 1
6	Chloride Content (%) (IS:2645-2003)	Max. 2 %
7	Setting time, minutes	As per IS:2645-2003
8	Water permeability	
9	Compressive strength N/mm <sup>2</sup>	

Standard : IS : 2645-2003 | IS : 9103-1999

## DOSAGE

200 ml per 50 kg bag of cement

## PACKAGING, SHELF LIFE & STORAGE

- Available in 200ml, 1 L, 5 L, 10 L and 20 L
- 12 months from the date of manufacturing when in sealed pack
- Store in a cool and dry place



# ACC LeakBlock

## Cement Coat - LB 303



ACC LeakBlock Cement Coat LB-303 is an Advanced acrylic emulsion based Waterproofing and bonding compound

### KEY FEATURES

- High flexibility gives excellent waterproofing properties
- Superior bonding to concrete & masonry plaster
- Chloride free

## AREAS / RECOMMENDED APPLICATIONS

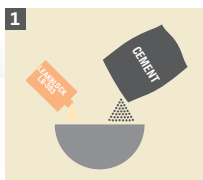
- **Waterproofing** - Roof, Water Tank, Wall & All wet areas
- **Structural repair** - Floor, Columns, Beams, Slabs, Overhang etc.
- **Bonding slurry** - Bonding agent for old to new concrete & masonry plaster

## METHODS OF APPLICATION

### SURFACE PREPARATION

- Clean the surface with wire brush or scrubber to clear dust, loose material etc.
- Wet the surface with water to make it SSD condition & remove the excess water

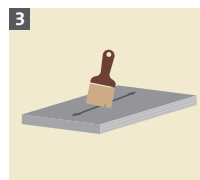
### WATERPROOFING COATING



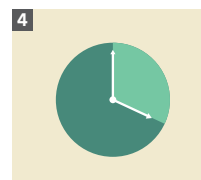
1 Mix 1 kg of ACC LeakBlock Cement Coat LB-303 with 1 kg of cement



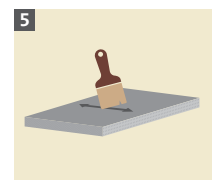
2 Mix well till solution becomes consistent



3 1<sup>st</sup> Coat on a clean surface



4 Wait for 4- 6 Hrs

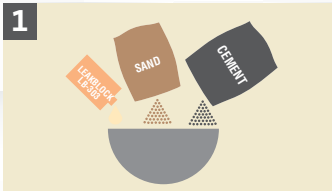


5 Second Coat at 90 degree of 1<sup>st</sup> Coat

### WATER PONDING

After Ponding test drain out the ponded water and then provide 20 mm protective plaster cement: sand mortar (1:4) admixed with Integral Waterproofing compound ACC LeakBlock Cement Mix LB-202 @ 0.2 kg per bag of cement on top of the second coat

# POLYMER MODIFIED MORTAR



1 Mix cement and sand in 1:3 ratio. After dry mixing, add LB-303 (15% of cement weight)



2 Add water and mix well to get desired workability



3 Apply using suitable tools

## BONDING AGENT

- For bonding agent mix ACC LeakBlock Cement Coat LB-303: Cement 1:1 by volume
- Apply 1 coat of the mix on the concrete surface

## COVERAGE

- As a waterproofing coating : 3 - 3.5 m<sup>2</sup>/kg in 2 coats of Cement Coat LB-303
- As a mortar modifier : 6 - 7kg of Cement Coat LB-303 per 50kg of cement
- As a bonding agent : 4.5 - 5.0 m<sup>2</sup>/kg per coat

## TECHNICAL INFORMATION

Sr. No	PROPERTIES	RESULT
1	Aspect	Milky white liquid
2	pH Value	7 ± 1
3	Total Solid Content (%)	40 ± 2
4	Pot life minutes	65
5	Chloride content	Nil

## PACKAGING, SHELF LIFE & STORAGE

- Available in 200 gm, 500gm, 1kg, 5kg, 10kg and 20kg
- 18 months from the date of manufacturing when in sealed pack
- Store in a cool and dry place

# WATERPROOFING

KA

1-2-3

**1** CEMENT  
LO

**2** MIX  
KARO

**3** COAT  
KARO



**REDUCES POROSITY OF  
PLASTER & CONCRETE**

**PROTECTS WATER  
EXPOSED AREA**

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