



**FUTURE OF
CONSTRUCTION
TODAY**

QUALITY MASONARY COMPOUND

MASONARY COMPOUND

PRODUCTS

- WALL PLASTER
- SKIM PLASTER
- WALL CARE PUTTY
- AAC JOINTING MORTAR
- 300 FLOOR TILE ADHESIVE
- 301 TILE ADHESIVE
- 302 TILE ADHESIVE – STRONG
- SELF LEVELING FLOOR
- AAC BLOCKS
- FLYASH BRICKS



COMPANY PROFILE

ARKRETE is marketed by Ace Buildcon. The introduction of Arkrete was a new direction by the group to vertically grow into building materials for construction.

The first step taken to promote Arkrete was by establishing a state of art drymix manufacturing plant in Hyderabad.

Today we have over a range of 25 products in Walling, Tile fixing, Flooring , Jointing and Blocks.

Trusted by pros...

The products, service and support you need to get the job done right. From new construction to repairs, when you've got a challenge, we've got a Arkrete the solution.

Tackling a tough job? We've got the right pro-grade products for every project. Got questions? Our dedicated team of Technical Experts is just a phone call away with real answers. Need product in a hurry? Our wide network of retailers and distributors are there to get you what you need, when you need it.

The pros know you'll find quality, consistency and support mixed into every bag of Arkrete. Rip open a bag and find out for yourself.





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WALL PLASTER

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PLASTERING COMPOUND

These premixed dry mortars are manufactured under controlled conditions of selection and blending to suit specific application needs and has numerous advantages over jobsite mix



BENEFITS

- Ease of application
- Better water retention
- Cohesive mix
- Improved adhesion
- Better strength



COMPOSITION

Silica Sanded product, fortified with OPC 53 Portland cement, Hydrated lime and special polymers for plaster and mortar application.



Features & Benefits

Designed to meet the exacting needs of masonry professionals

Ready to use product just requiring the addition of clean water

Quality premixed product specifically formulated for plastering applications

Excellent workability

Designed to ensure smooth finish

This Wall Plaster mix is designed to retain moisture to assist natural hydration process especially at warm to hot temperature

Coverage

Clay Bricks @ 15 sq.ft

Cement Blocks @ 18 sq.ft

AAC Blocks @ 25 sq.ft



Comparison

Parameters	ARKRETE Dry Mix Plaster	Conventional Method
Application Time	Fast application	Not possible
Quality	Consistent quality due to automated process	Manual mixing hence not possible to test every batch
Shrinkage Cracks	Minimum shrinkage cracks	Significantly high shrinkage cracks
Handling & Storage	Easy handling and storage	Difficult to keep stock of different materials
Wastage	No wastage	High wastage
Efflorescence	Negligible	Observed in many cases
Sand	Mechanically Graded	Manually Graded
Rebound Loss	Minimum	High due to non-gradation & bigger sand particle size.



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BLOCK JOINTING MORTAR

MASONRY COMPOUND



JOINTING MORTAR

These premixed dry mortars are manufactured under controlled conditions of selection and blending to suit specific application needs and has numerous advantages over jobsite mix



BENEFITS

- Ease of application
- Better water retention
- Self curing
- Cohesive mix
- Improved adhesion



COMPOSITION

Silica Sanded product fortified with OPC 53 Portland cement, additives and special polymers for block jointing and adhesive application.



Features & Benefits

Designed to meet the exacting needs of masonry professionals

Ready to use product just requiring the addition of clean water

Quality premixed product specifically formulated for Block Jointing applications

Excellent workability

Designed to ensure good spread and coverage

This jointing mortar mix is designed to retain moisture to assist natural hydration process especially at warm to hot temperature



Coverage

Per 40kg Bag

4" AAC Block - 100 - 120 Blocks

6" AAC Block - 60 - 80 Blocks

8" AAC Block - 40 - 60 Blocks

Comparison

Parameters	ARKRETE Dry Mix Jointing Mortar	Conventional Method
Application Time	Fast application	Not possible
Quality	Consistent quality due to automated process	Manual mixing hence not possible to test every batch
Shrinkage Cracks	Minimum shrinkage cracks	Significantly high shrinkage cracks
Handling & Storage	Easy handling and storage	Difficult to keep stock of different materials
Wastage	No wastage	High wastage
Efflorescence	Negligible	Observed in many cases
Sand	Mechanically Graded	Manually Graded
Curing	Self Curing	Needs Curing



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FLOOR TILE ADHESIVE

MASONARY COMPOUND



FLOOR TILE ADHESIVE

Arkrete FLOOR Tile Adhesive is a polymer modified cementitious tile adhesive for fixing ceramic tiles of regular size on the floor and porous natural stone on the floor.



BENEFITS

- o Ease of application
- o Good Workability
- o Self curing
- o Cohesive mix
- o Improved adhesion
- o Does not require curing with water
- o Single component product, only water to be added
- o Longer open time with slip resistant properties



COMPOSITION

Polymer modified cement based composition





FLOOR TILE ADHESIVE

MASONARY COMPOUND

Features & Benefits

Designed to meet the exacting needs of masonry professionals

Ready to use product just requiring the addition of clean water

Quality premixed product specifically formulated for all kinds of tiling application.

Excellent workability

Designed to ensure good spread and coverage

This jointing mortar mix is designed to retain moisture to assist natural hydration process especially at warm to hot temperature

Coverage

For a 3mm bed thickness the coverage will be 4-4.5kg/sqm.

Note: The coverage will vary depending on surface undulations

Pre tile laying steps

Clean the substrate of oil stains and bond inhibiting compounds. Also remove any loose particles dirt, dust, and laitance.

Ensure that the surface is flat (hard and rigid) for the given application.

Ensure that the surface is well saturated before application in the case of cementitious substrates.

Mix as per mixing ratio of approx 6.5 to 7 ltr /20kg bag.

For cementitious adhesive always add powder to water.

After mixing allow the paste to stand for 2 min for it to mature.

Do not attempt to extend the pot life by adding more water to the mix.

Apply adhesive over the surface using the straight edge of the notched trowel. If the adhesive is buttered to the tile, then ensure proper coverage of tile surface to avoid voids.

use tile spacer for recommended spacing between the tiles.

After 24 hours grouting can be done on tiles and stones.



Recommended substrate

Cementitious screed and plasters in internal areas.

Specification

Arkrete Tile Adhesive is a standardized product which goes through a standardized production process following IS 15477 (specification for tile adhesive for ceramic and mosaic tiles) ensuring consistency and better performance.



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TILE ADHESIVE

WALL & FLOOR

MASONARY COMPOUND

TILE ADHESIVE - REGULAR

Arkrete Tile Adhesive-Regular is a polymer modified cementitious tile adhesive for fixing ceramic tiles of regular size on the wall and floor and porous natural stone on the floor. For Internal floor and wall areas, for fixing tiles.

BENEFITS

- o Ease of application
- o Good Workability
- o Self curing
- o Cohesive mix
- o Improved adhesion
- o Does not require curing with water
- o Tile on tile application
- o Single component product, only water to be added
- o Longer open time with slip resistant properties

COMPOSITION

Polymer modified cement based composition



Features & Benefits

Designed to meet the exacting needs of masonry professionals

Ready to use product just requiring the addition of clean water

Quality premixed product specifically formulated for all kinds of tiling application.

Excellent workability

Designed to ensure good spread and coverage

This jointing mortar mix is designed to retain moisture to assist natural hydration process especially at warm to hot temperature

Coverage

For a 3mm bed thickness the coverage will be 4-4.5kg/sqm.

Note: The coverage will vary depending on surface undulations

Pre tile laying steps

Clean the substrate of oil stains and bond inhibiting compounds. Also remove any loose particles dirt, dust, and laitance.

Ensure that the surface is flat (hard and rigid) for the given application.

Ensure that the surface is well saturated before application in the case of cementitious substrates.

Mix as per mixing ratio of approx 6.5 to 7 ltr /20kg bag.

For cementitious adhesive always add powder to water.

After mixing allow the paste to stand for 2 min for it to mature.

Do not attempt to extend the pot life by adding more water to the mix.

Apply adhesive over the surface using the straight edge of the notched trowel. If the adhesive is buttered to the tile, then ensure proper coverage of tile surface to avoid voids.

use tile spacer for recommended spacing between the tiles.

After 24 hours grouting can be done on tiles and stones.

Recommended substrate

Cementitious screed and plasters in internal areas.

Specification

MASONARY COMPOUND





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WALL CARE PUTTY

MASONARY
COMPOUND



WALL CARE PUTTY

Arkrete Wall Putty is a white cement based product with redispersible polymer and functional additives for application on interior and exterior rough plasters to give a smooth finish



BENEFITS

- o Ease of application
- o Good Workability
- o Self curing
- o Cohesive mix
- o Improved adhesion
- o Does not require curing with water
- o Good Tensile Adhesion Strength, Compressive Strength and Flexural strength
- o Resists growth of algae and fungi on wall
- o Good intercoat adhesion to emul-



COMPOSITION

Polymer modified white cement based



Features & Benefits

Designed to meet the exacting needs of masonry professionals

Ready to use product just requiring the addition of clean water

Quality premixed product specifically formulated for wall putty applications

Excellent workability

Designed to ensure good spread and coverage

This jointing mortar mix is designed to retain moisture to assist natural hydration process especially at warm to hot temperature



Coverage

2 COATS

14 - 16 sq.ft/kg
for upto 1.5 mm
thickness in 2 coats



PRE PAINTING STEPS

PLASTER New masonry surfaces must be allowed to cure completely for best results. It is recommended to allow 28 days as curing time for new masonry surfaces

CLEANING Ensure that surface is completely free from all dirt, loosely held plaster, powdery residue, oil, grease or any other contamination. Any previous growth of fungus, algae or moss needs to be removed thoroughly by vigorous wire brushing and cleaning with water.

FILLING FOR CRACKS For filling cracks upto 3mm use any Crack Seal.

FILLING FOR HOLES & DENTS In case of dents and holes use a mixture of white cement and fine sand in the ratio 1:3

PRE WETTING Pre wet the surface with water before application of 1st coat of Filling Putty

POST PAINTING CARE

It is important to apply a coat of Exterior Wall Primer over Arkrete Wall Putty before application of emulsion.

TECHNICAL DETAILS

- a. Drying time: Surface dry time 30 min
- b. Sheen levels: NA
- c. Flash point IS101/1987 Part 1, Sec 6: NA
- d. Stability of thinned paint: To be used within 45 minutes

Arkrete

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www.arkrete.com

An ISO 9001 :2015 certified company



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