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Brand of
Construction
CHEMICALS

Since 2012



www.arrotile.com

THE ARROTILE STORY

Arrotile is renowned for providing a wide range of premium construction chemicals, including adhesives, waterproofing, wall putty, anchors, grouts, and flooring solutions.

Modern tile and stone fixing methods are offered by Arrotile, a subsidiary of India's top adhesives firm. It has created an extensive range of cutting-edge goods that combine worldwide know-how with local intelligence, making them experts in tile and stone fixing. Arrotile offers a comprehensive selection that includes everything from wall tile fixing chemicals to waterproof floor tile adhesive. In reality, Arrotile's extensive experience in the field has given him a keen understanding of the needs and wants of the modern market, from the viewpoints of both customers and architects.

2000+

SATISFIED CLIENT

50+

PRODUCTS

400+

COMPLETED PROJECTS

10+

YEARS EXPERIENCE



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Tiles Adhesive



Arrotile SILVER (Grey)

Interior Wall & Floor Tile Adhesive

CLASS:

IS 15477:2019 TYPE 1 T



Packing

- 20 & 40 Kg BOPP Bag

Suitable Substrates

- Concrete
- Concrete Masonry
- Cement Mortar Beds
- Cement Plaster
- Brick Masonry
- Cement Terrazzo

Technical Information As Per IS Standard Data

PROPERTY	REQUIREMENT	RESULT
Tensile Strength @ Dry Condition-Annex A (Clause 5.1)	Minimum 0.50 N/mm ²	0.65-0.70 N/mm ²
Shear Strength @ Dry Condition-Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.10-1.15 N/mm ²
Slip Resistance Annex E (Clause 5.5)	≤ 0.5 mm	0.1-0.2 mm
Open Time - Annex C (Clause 5.3)	-	20 Min.

Coverage

Approx. 55-60 Sft Feet per 20 kg bag using 6 mm x 6 mm square notched trowel for a bed of 3 mm.

Features / Benefits

- Single Component.
- Polymer Based, Interior Application.
- Used up to 12 mm Bed Thickness.
- Exceeds IS 15477:2019 Type 1T Adhesive Standards.
- Complies with EN / ISO with a C 1 T Classification.
- Complies with ANSI A118.1T shear & tensile Strength Requirements.
- Can be fortified with Arrotile polymix for external use.

Arrotile GOLD

(Grey/White)

Premium Floor & Wall Thin-Set Adhesive

CLASS:

IS 15477:2019 TYPE 2 T



Packing

- 20 & 40 Kg BOPP Bag

Suitable Substrates

- Existing Natural Stone
- Concrete Masonry
- Cement Mortar Beds
- Cement Plaster
- Existing Vitrified Tiles
- & Ceramic Tiles

Technical Information As Per IS Standard Data

PROPERTY	REQUIREMENT	RESULT
Tensile Strength @ Dry Condition-Annex A (Clause 5.1)	Minimum 1.00 N/mm ²	1.15-1.25 N/mm ²
Tensile Strength @ Wet Condition-Annex A (Clause 5.1)	Minimum 1.00 N/mm ²	1.15-1.20 N/mm ²
Shear Strength @ Dry Condition-Annex B (Clause 5.2)	Minimum 1.25 N/mm ²	1.40-1.50 N/mm ²
Shear Strength @ Wet Condition-Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.05-1.15 N/mm ²
Shear Strength @ Heat Ageing-Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.10-1.15 N/mm ²
Slip Resistance Annex E (Clause 5.5)	≤ 0.5 mm	0.35-0.45 mm
Open Time - Annex C (Clause 5.3)	-	20 Min.

Coverage

Approx. 55-60 Sft Feet per 20 kg bag using 6 mm x 6 mm square notched trowel for a bed of 3 mm.

Features / Benefits

- Single Component.
- Polymer Based, Interior Application.
- Bonds With Various Substrates.
- Exceeds Is 15477:2019 Type 2 T Adhesive Standards.
- Complies With En / Iso With AC 2 T Classification.
- Complies With Ansi A118.1t Shear Bond Strength Requirement.
- Can Be Fortified With Arrotile Polymix For External Wall Area.

Arrotile Platinum

(Grey/White)

Super Flex Multipurpose Floor
and Wall Tile and Stone Adhesive

CLASS:

IS 15477:2019 TYPE 3 T S1



Packing

- 25 Kg BOPP Bag

Suitable Substrates

- Cement Mortar Beds
- Concrete Surfaces
- Cement Plaster
- Cement Terrazzo
- Brick Masonry Surface
- Quarry, Cement Body Tiles

Technical Information As Per IS Standard Data

PROPERTY	REQUIREMENT	RESULT
Tensile Strength @ Dry Condition-Annex A (Clause 5.1)	Minimum 1.5 N/mm ²	1.55-1.65 N/mm ²
Tensile Strength @ Wet Condition-Annex A (Clause 5.1)	Minimum 1.00 N/mm ²	1.10-1.20 N/mm ²
Shear Strength @ Dry Condition-Annex B (Clause 5.2)	Minimum 1.5 N/mm ²	1.60-1.70 N/mm ²
Shear Strength @ Wet Condition-Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.10-1.20 N/mm ²
Shear Strength @ Heat Ageing-Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.15-1.25 N/mm ²
Slip Resistance Annex E (Clause 5.5)	≤ 0.5 mm	0.35-0.45 mm
Open Time - Annex C (Clause 5.3)	-	25 Min.

Coverage

Approx. 68-75 Sft per 25 kg pack using 6mm x 6mm square notched trowel for a bed of 3mm.

Features / Benefits

- Signal Component, Just add Water.
- Easy to use & Economical
- High strength with various Substrate.
- Water & Shock Resistance
- Complies with IS 15477:2019 - Type3 T S1 Adhesive Standards.
- High Open Time
- High Adjustability time

Arrotile Platinum Plus (Grey)

Super Flex Multipurpose Floor
and Wall Tile and Stone Adhesive

CLASS:

IS 15477:2019 TYPE 4 T S1



Packing

- 25 Kg BOPP Bag

Suitable Substrates

- Brick Masonry Surface
- Concrete Surfaces
- Cement Terrazzo
- Quarry, Cement Body Tiles
- Cement & Concrete Masonry
- Trimix / VDF Concrete

Technical Information As Per IS Standard Data

PROPERTY	REQUIREMENT	RESULT
Tensile Strength @ Dry Condition-Annex A (Clause 5.1)	Minimum 1.5 N/mm ²	1.70-1.80 N/mm ²
Tensile Strength @ Wet Condition-Annex A (Clause 5.1)	Minimum 1.00 N/mm ²	1.50-1.60 N/mm ²
Shear Strength @ Dry Condition-Annex B (Clause 5.2)	Minimum 1.5 N/mm ²	1.80-1.90 N/mm ²
Shear Strength @ Wet Condition-Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.30-1.40 N/mm ²
Shear Strength @ Heat Ageing-Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.20-1.30 N/mm ²
Slip Resistance Annex E (Clause 5.5)	≤ 0.5 mm	0.30-0.40 mm
Open Time - Annex C (Clause 5.3)	-	25 Min.
Transverse Deformation (Clause 5.6)	≥ 2.5 mm < 5.00 mm	2.55 mm - 2.65 mm

Coverage

Approx. 68-75 Sft per 25 kg pack using 6mm x 6mm square notched trowel for a bed of 3mm.

Features / Benefits

- Signal Component, Just add Water.
- Bond to Various Substrates
- Easy to use & Economical
- High strength with various Substrate.
- Water & Shock Resistance
- Complies with IS 15477:2019 - Type4 T S1 Adhesive Standards.
- Complies With ANSI 118.4ET Shear bond Strength Requirements
- Complies with EN/ISO with C2TES1 Classification.

Arrotile Block Fix

AAC Block Adhesive

CLASS:

IS 15477:2019 Type 1 T
ISO 13007 (CLASS C1 T)



Packing

- 30 Kg BOPP Bag

Suitable Substrates

- ACC Blocks
- Cement Mortar Blocks/Bricks
- Concrete hollow blocks
- Fly ash bricks
- Light weight masonry blocks
- Clay bricks
- Cellular concrete blocks
- Calcium silicate bricks



Working Properties (21°C)

AAC Block Adhesive mixed with Water

Adjustability time	20 minutes
Pot Life	2 Hours

Coverage

Approx. 180 Sft per 30 kg pack
using 2mm x 2mm square
notched trowel for a bed of 3mm.

Features / Benefits

- No curing required after block work is done
- Flexible, shock & impact resistant
- Optimum compressive & splitting tensile strength
- Easy to use
- Long working time
- Fast & economical



Grouts & Cleaners

Arropoxy Grout

Epoxt Tile Grout (Three Part)

CLASS:

- ISO 13007 / EN
- ANSI : A 118.3

Working Properties:

- Pot life 45 minutes
- Foot traffic 24 hours
- Heavy traffic 72 hours



Packing

- 1 & 5 Kg

Application

Designed especially for interior and covered exterior floor and wall joints of all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, metal tiles, precast terrazzo, engineered stone floors and natural stones. Recommended for Institutional and commercial kitchens, Cafeterias, residential facilities, Rest rooms, Schools and wet areas like swimming pools, sauna, water bodies and wash rooms.



Suitable Substrate

- Ceramic tile
- Vitrified tile
- Glass Mosaic Tiles
- Granite
- Marble
- Metal tiles
- Agglomerates (Engineered Stones)
- Precast Terrazzo tiles

Features / Benefits

- Stain-free
- Colour fast
- Easy to clean
- Chemical and Temperature resistant
- Non-cracking or powdering
- Complies with ANSI A 118.3, EN 13888, Standards.
- Water and shock resistant.

Arrotile Grout

Pigmented, Cement Based
Tile Joint Filler

Working Properties:

- Pot life 5 hours
- Foot traffic 24 hour
- Heavy traffic 72 hour
- Wet Density (1.66kg/m³)



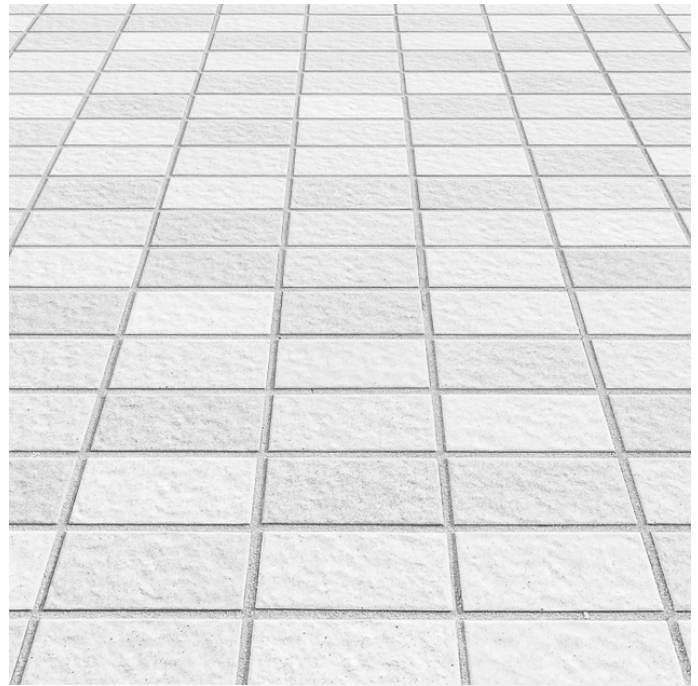
Packing

- 1 Kg Pouch & 20 Kg Bag

Application

Below sloping screed or waterproof plaster on :

- Roofs, terraces and balconies as a sandwich layer.
- Pools and fountains.
- Reservoirs and channels.
- End walls subjected to rain.



Technical Information As Per IS Standard Data

Test	Method	Results	Specification
Flexural Strength	ANSI A118.6 H-4.7	450-550 psi (3.1-3.8 MPa)	> 400 psi (2.7 MPa)
Linear Shrinkage 1 day	ANSI A118.6 H-4.3	0.01-0.03 %	< 0.03 %
Linear Shrinkage 7 days	ANSI A118.6 H-4.3	0.08-0.1 %	< 0.1 %

Features / Benefits

- Mix with water or for improved performance, fortify with Polymix.
- Excellent for wet and dry areas.
- Non-dusting, non-spalling and non-yellowing.
- Non-shrinking.
- Easy maintenance.
- Dense.
- Easy application and clean-up.
- No pre-soaking or wetting tile.
- No damp curing required.
- Available in a range of exciting non-fading.
- colors for interior and exterior use.

Polymix

Grout Hardener

Suitable Substrate

- Ensure 24 hours time interval for grouting after tile fixing.
- The joints must be dry, clean, free of dust & adhesive.
- Emptied at least 2/3 of the tile thickness depth.
- Before grouting, make sure that the installation the adhesive has set and released most of its moisture. The joints should not be wet during work.
- Put masking tape by side of grouting space or sealer if necessary



Technical Information As Per IS Standard Data

APPLICATION PROPERTIES (Roff RTM Wide Additive + RTM Cement Tile Grout)	
Testing Properties	Test Results
Appearance/ Color	White Liquid
Tentative Mixing Ratio (RTM : RTM Wide Additive)	200 ml or 400 ml for 1 kg RTM (2.5 - 3 : 1 by weight)
Mixed Density	1.75 ± 0.05 kg/ litre
Pot life @ 30°C	Approx. 60 minutes
Joint Width	1 – 6 mm
Sag Resistant	Non-sag
VOC Content (as per EPA 24)	< 14.41 g/ litre
Application Temperature	from +10°C to +35°C
Light Foot Traffic	24 hours
Regular Traffic	72 hours
Final Curing Time	28 days

Packing

- 100, 250, 500 ml & 1 Ltr.

Application

- Using a hard rubber squeeze/ grout floater, press the grout firmly into the joints.
- Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.
- Work in small areas to have better control on removing the excess grout from joints and surface by moving the squeeze diagonally to the grout lines
- Ensure that joint is filled completely, and grout is not just sitting on top.

Features / Benefits

- Easy to use & clean - Just mix with Polymix grout on site, ready to use.
- Polymer emulsion - Impart flexibility, water & stain resistant, abrasion resistant.
- Suitable for varied tile and stones - Ceramic, vitrified, marbles, granites etc.
- Crack free and less of shrinkage reduces the chances of water seepage.
- Durable - Enhances compressive & flexural strength and shock resistance

Tile Cleaner

Concrete Remover, Cleaning
And Etching agent

USE :

For the removal of mortar and plaster runs, droppings and stains from brickwork and concrete surfaces. Also for removal of hardened concrete from tools, machinery and equipment, or rust and mill scale from steelwork.

Suitable for etching of concrete floors and surfaces prior to application surface coatings



Properties :

Specific gravity: Typically 1.08 at 25°C

Description :

TILE CLEANER is a combination of acid based material, corrosion inhibitors and dispersing agents and is supplied as a clear blue solution.



Features / Benefits

Rapid action: Safe with Tiles, wood, glass, plastic and rubber. No corrosive action. Penetrates oil and grease.

Packing

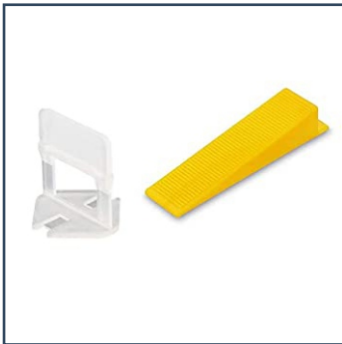
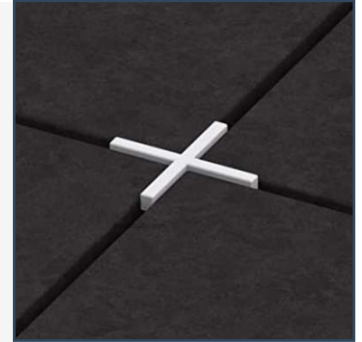
- 500 ml, 1 & 5 Ltr.

Tile Fitting Accessories



Tile Spacer

Available Size :
2, 3, 4, 5, 6, 8, 10 mm
(100 Pcs Packing)



Tile Leveler

Clip - 50 Pcs Packing
Wedges - 50 Pcs Packing



Tile Leveler Jack

50 Pcs Packing



Adhesive Trowel

6x6 Notch Trowel



Waterproofing & Admixture



Arrofast W+

Integral Waterproofing Compound

CLASS:

IS 2645:2003



Packing

- 1, 5, 10 & 20 Ltr.

Features / Benefits

- Corrosion Resistant
- Compatibility
- Reduces Permeability
- High Strength
- Reduces Shrinkage
- Improve Workability
- Increases Durability

Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Appearance		Free Flowing Liquid
Colour		Wine Red
Sp. Gr. @ 25°C		1.04 - 1.09
Non Volatile Content		13.5 - 14.5%
pH Value		11.0 - 14.0
Setting time, Minutes	IS : 2645 : 2003	Passes
Chloride Content	IS : 2645 : 2003	0.03%
Water Permeability	IS : 2645 : 2003	Passes
Compressive Strength N/mm ²	IS : 2645 : 2003	As per the standard

Dosage

200 ml to 250 ml Per 50 Kg Bag of Cement.

Application

Waterproofing of Concrete and sand-cement Mortar Used in

- Basement
- Roof Slabs and Screeds.
- Water Tanks & Water Retaining Structures.
- External Plastering.
- Bathrooms and balconies.
- Sumps and drains.

Terrakot WRP

Single Component Acrylic Polymer for Cement Based Waterproofing Membrane.

CLASS:

Meets the requirements of BS 6319 Part 4:1984, BS 7542:1992, BS 6319 Part 2: 1983



Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Appearance		Milky White Acrylic Emulsion
Solid Content, %		Min 45
Compressive Strength, N/mm ²	BS 6310 Part 2:1983	10-13 at 7 days
Chloride Content		Nil
pH Value		7-10
Specific Gravity		1.05+/-0.05
Viscosity at 25°C, Sec		

Coverage

Priming coat 16-17 m²/Ltr
Top coat 4.5-5 m²/Ltr



Packing

- 500ml, 1, 5, 10 & 20 Ltr.

Application

Below sloping screed or waterproof plaster on:

- Roofs, terraces and balconies as a sandwich layer.
- Pools and fountains
- Reservoirs and channels
- End walls subjected to rain

Features / Benefits

- Non - toxic, non-flammable and user friendly.
- Provides a tough, impermeable waterproof membrane.
- Can be applied by brush, on horizontal and vertical surfaces.
- Excellent adhesion to concrete and masonry surfaces.
- Protects concrete and mortar from natural elements such as wind, rain, sunlight.
- Breathable - allows inside water vapour to escape.

Tetrabond SBR

Mortar And Screed Modifier Cum Bonding Aid

Application

- **For concrete repairs** - Spalled concrete of floors, columns, beams, chhajjas, slabs, parapets, etc.
- **For waterproofing** – Small roof terraces, sunken portions of toilets & bathrooms, chhajjas & lift pits, balconies & staircases.
- **For waterproofing** – Liquid & effluent tanks, car decks & walkways.
- **As a bonding agent** – Bonding mortar for tiles & panels, as undercoat for special finishes such as top rendering coat for chemical resistant floors.
- **As a bond coat** – For bonding of new concrete to old concrete, masonry stone work, plastering.
- **For cladding** – Fixing or re-fixing of slip bricks, tiles, stones & marble bedding.
- **As external rendering** – Weatherproof & frost resistant render, high wear & erosion resistant render. As bonding slurry coat for pinhole treatment on concrete surface & as repair mortar for overhead application.



Packing

- 100 ml, 500 ml, 1, 3, 5, 10 & 20 Ltr.

Dosage

10 litres Tetrabond SBR per 50 kg OPC Cement



Technical Information As Per IS Standard Data

PROPERTIES	SPECIFICATION	RESULTS
Base		SBR (styrene, butadiene rubber)
Coverage oPCS: URP, 1:5 pbwt		20 – 22 sq ft/kg for two coats 1:1.5
total active solid content		32 ± 5%
pH		8 – 9
pot life @ 30 °C		30 – 45 minutes at 30 °C
Speciic gravity at 30 °C		1.01+/- 0.02
pH		7 to 9
Compressive strength, n/mm ² – 7 days	(BS6319 part2:1983)	Passes the specification.
tensile strength,n/mm ²	(aStM C – 190-85)	Passes the specification
flexural strength,n/mm ²		9>
Slant shear bond, n/mm ²	aStM 881	30
Chemical resiatance to mild acids, alkalis, sulphates.		Resists
Resistance to water pres - sure, bar		Upto 2
freeze thaw resistance		excellent

Features / Benefits

- **Multipurpose** – It is multipurpose & economical product, easy to use.
- **Cracking** – It prevents cracking by improving flexural strength.
- **Hardness** – Improves the hardness & prevents dust generation.
- **Shrinkage** – Reduces drying & aging shrinkage cracks.
- **Bonding** – Bond strongly to concrete, masonry, stonework, plasters, cementitious surfaces, asphalt & most of the building materials.
- **Erosion & corrosion** – Improves erosion resistance & prevents corrosion.
- **Abrasion resistance** – Improves abrasion resistance of the cement mix.
- **Grouting** – Reduces viscosity of cement injection grout for better fluidity & bonding

Tetrabond SBR Latex

Mortar And Screed Modifier Cum Bonding Aid (45% Solid Content)

Application

- **For concrete repairs** - Spalled concrete of floors, columns, beams, chhajjas, slabs, parapets, etc.
- **For waterproofing** – Small roof terraces, sunken portions of toilets & bathrooms, chhajjas & lift pits, balconies & staircases.
- **For waterproofing** – Liquid & effluent tanks, car decks & walkways.
- **As a bonding agent** – Bonding mortar for tiles & panels, as undercoat for special finishes such as top rendering coat for chemical resistant floors.
- **As a bond coat** – For bonding of new concrete to old concrete, masonry stone work, plastering.
- **For cladding** – Fixing or re-fixing of slip bricks, tiles, stones & marble bedding.
- **As external rendering** – Weatherproof & frost resistant render, high wear & erosion resistant render. As bonding slurry coat for pinhole treatment on concrete surface & as repair mortar for overhead application.



Packing

- 500 ml, 1, 3, 5, 10 & 20 Ltr.

Dosage

10 litres Tetrabond SBR Latex per 50 kg OPC Cement



Technical Information As Per IS Standard Data

PROPERTIES	SPECIFICATION	RESULTS
Base		SBR latex (styrene, butadiene rubber)
Coverage oPCS: URP, 1:5 pbwt		20 – 22 sq ft/kg for two coats 1:1.5
total active solid content		45 ± 2%
pH		8 – 9
pot life @ 30 °C		30 – 45 minutes at 30 °C
Speciic gravity at 30 °C		1.01+/- 0.02
pH		7 to 9
Compressive strength, n/mm ² – 7 days	(BS6319 part2:1983)	Passes the specification.
tensile strength,n/mm ²	(aStM C – 190-85)	Passes the specification
flexural strength,n/mm ²		9>
Slant shear bond, n/mm ²	aStM 881	30
Chemical resiatance to mild acids, alkalis, sulphates.		Resists
Resistance to water pres - sure, bar		Upto 2
freeze thaw resistance		excellent

Features / Benefits

- **Multipurpose** – It is multipurpose & economical product, easy to use.
- **Cracking** – It prevents cracking by improving flexural strength.
- **Hardness** – Improves the hardness & prevents dust generation.
- **Shrinkage** – Reduces drying & aging shrinkage cracks.
- **Bonding** – Bond strongly to concrete, masonry, stonework, plasters, cementitious surfaces, asphalt & most of the building materials.
- **Erosion & corrosion** – Improves erosion resistance & prevents corrosion.
- **Abrasion resistance** – Improves abrasion resistance of the cement mix.
- **Grouting** – Reduces viscosity of cement injection grout for better fluidity & bonding

Arrotile Teres Coat

Single Component Heavy Duty Reinforced Acrylic Water Proof Coating For Terrace

Coverage

2.5 to 3.0 m² / litre for 2 coats

*Coverage may vary depending upon the texture and porosity of the surface



Packing

- 1, 5, 10 & 20 Ltr.

Application

- All types of exterior masonry surfaces, concrete, cement sand renderings, etc.
- Applicable on asbestos sheets.
- Building Roofs / Terraces - Flat & Slope.

Technical Information As Per IS Standard Data

Properties	Specification	Results
Nature		Single Component
Appearance		Emulsion Paint (White)
Specific Gravity		1.30
Elongation (250 Micron DFT), %	ASTM D 412-02	>190
Water Permeability	BS EN 12390	68
Rapid Chloride Penetration Test	ASTM C 1202 - 97	Very low
Algae & Fungal Resistance	SS 345 : 1998	No growth
Accelerated Weathering	ASTM D 4587	No Defects
Tensile Strength, N/mm ²	ASTM D 412-02	>2.6
Crack Bridging ability	ASTM C 836	More than 2 mm width
Adhesion Strength, N/mm ²		1.5
Coation Thickness Microns		110

Features / Benefits

- **Film thickness** - Higher film thickness provides resistance to the movements of structures, gives crack bridging ability & waterproofing properties.
- **Toughness** - Tough films withstands wind driven rain.
- **Flexibility** - Flexible and covers hairline cracks (upto 0.5 mm) effectively so that no ingress of water.
- **Elasticity** - High elasticity easily withstands stress caused by thermal expansion & contraction (>100% elongation at 110-120 micron DFT).
- **Ready to use** - No dilution is required hence ensures desired film thickness built-up without affecting the performance.
- **Microbial resistance** - Resistance to fungus and algae hence maintains the aesthetic value.
- **UV resistant** - Resistance to UV (Sun light) hence coating has longer life.
- **Dirt pick up** - Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- **Breathability** - Permeable to water vapour.
- **Ease of application** - User friendly, easily applicable by brush, roller or spray.
- **Toxicity** - It is Non-toxic.

Wall Putty



Arrotile Wall Putty Fine

Water resistant white cement based wall Putty ideal for use on Plastered/concrete walls and ceilings.

Suitable Substrate

- Concrete & Concrete Masonry
- Cement Plaster
- AAC Block work
- Cement Backer Board
- Calcium Silicate Board
- Gypsum Wallboard



Packing

- 1, 5, 20, 40 Kg Bag

Application

Especially Designed for interior and exterior surfaces. Highly water resistant skim coat which smoothens the surfaces of plaster, ready for subsequent painting work.



Technical Information As Per IS Standard Data

HDB Data		
Property: Test Method	Requirement	Typical Values
Initial Setting Time - BS 4551 Part-1	240-360 mints	250 Minutes
Final Setting Time- BS 4551 Part-1	≤ 500 mints	360 Minutes
Tensile Adhesion Strength @ 14 Days - EN 1015 - 12	≥ 0.8 N/mm ²	1.20 N/mm ²
Compressive strength @ 28 Days - EN 1015 - 11	7 to 12 N/mm ²	8.2 N/mm ²
Water absorption- EN 1015 -18	-----	0.03 Kg/m ²
Water Retentivity BS 4551-1	≥ 95 %	99.0 %

Features / Benefits

- White smooth and glossy finish
- Highly durable & water Resistant
- Anti fungal.
- No need of primer before applying paint.
- Strong adhesion strength.
- No curing required.
- Increases Paint Coverage
- Low VOC
- Complies to HDB, Singapore standard
- Easy for application and papering

Arrotile Wall Putty Rough

Water resistant white cement based wall Putty ideal for use on Plastered/concrete walls and ceilings.

Suitable Substrate

- Concrete & Concrete Masonry
- Cement Plaster
- AAC Block work
- Cement Backer Board
- Calcium Silicate Board
- Gypsum Wallboard



Packing

- 30 Kg Bag

Application

- Designed for interior and exterior surfaces.
- To make uneven surfaces to even and smooth.
- It can be used as plastering material for Internal & External application.



Technical Information As Per IS Standard Data

HDB Data		
Property: Test Method	Requirement	Typical Values
Initial Setting Time-BS 4551 Part-1	240-360 mints	300 Minutes
Final Setting Time-BS 4551 Part-1	≤ 500 mints	420 Minutes
Tensile Adhesion Strength @ 14 Days - EN 1015 -12	≥ 0.8 N/mm ²	1.30 N/mm ²
Compressive strength @ 28 Days - EN 1015 -11	7 to 12 N/mm ²	8.4 N/mm ²
Water Absorption Index (Carsten tube) Kg/m ² /√h - DIN 52617	-----	1.02
Water absorptōn - EN 1015 -18	-----	0.03 Kg/m ²
Water Retentivity- BS 4551 -1	≥ 95 %	99.8 %

Features / Benefits

- Easy to apply.
- Water Resistance.
- Anti fungal.
- Good Compressive Strength.
- Increases Paint coverage
- Covers undulations of plastered surfaces.
- Give sound base for further putty applications
- Strong adhesion strength.
- No curing required.
- Low VOC
- Complies to HDB, Singapore standard



Industrial Products



Powerfloor

**Non Metallic, Monolithic Surface
Hardening Compound**

Available colour

Grey, White, Yellow, Red, Green, Blue



Application :

Base concrete : The base concrete should have a minimum cement content of 300 kg/m³. The concrete mix should be designed to minimize segregation and bleeding. Free water cement ratios of less than 0.55 are required. Use of 's water reducing admixture is recommended. The base concrete should be laid and compacted in accordance with good concrete practice. Accurate finished profile and minimum laitance build-up should be ensured. Particular attention should be paid to bay edges and corners to ensure full compaction. POWERFLOOR is applied for different types of industrial use.

ApplicationRate (kg/m ²)	Intendedtraffic use
7.0	Heavy
5.0	Medium
3.0	Light



Packing

- 30 kg Bag.

Features / Benefits

- Silica based - does not rust or stain.
- Provides a hard, abrasion resistant surface.
- Forms monolithic bond with base concrete.
- Easy and economical to apply.

Arrotile GP2

Free flow, high strength, non-shrink, cementitious precision grout



Packing

- 30 Kg Bag

Use

ARROTILE GP2 is used for precision grouting where it is essential to withstand static and dynamic loads. Typical applications would be the grouting of base plates of turbines, compressors, boiler feed pumps etc.,. It can also be used for anchoring a wide range of fixings. These include masts, anchor bolts and fence posts.

Strength

Tensile strength (W/P 0.18):

3.5N/mm² @ 28 days

Pullout bond strength (W/P -0.18):

17 N/mm² @ 7 days

20 N/mm² @ 28 days

Time for expansion (after mixing):

Start: 20 minutes

Finish: 120 minutes

Fresh wet density:

Approximately 2220kg/m³

depending on actual consistency used

Young's modulus:

28 kN /mm²

Coefficient of thermal expansion:

11 x 10⁻⁶/°C

Features / Benefits

- Gaseous expansion system compensates for shrinkage and settlement in the plastic state.
- No metallic iron content to cause staining.
- Pre-packed material overcomes onsite batching variations.
- Develops high early strength without the use of chlorides High ultimate strength ensure the durability of the hardened grout.
- Free flow ensures high level of contact with load bearing area.

Arrotile A Fix

Polyester Resin Anchor Grout



Packing

- 1 Kg Box

Technical Information As Per IS Standard Data

Description	Two components pre-weight system
Consistency of the mixed material	Flow able
Colour	Dark brownish grey
Pot life at 25° C	Approx 10 minutes
Mixed density	1.90 -2.00 gm/cc at 30°C
Compressive strength @30°C ((BS6319 Part2: 1983))	
3 hrs.: Minimum	30 N/mm2
7 days: Minimum	60 N/mm2
Minimum curing required before loading	
and above at 30°C	3hrs
and above at 20°C	8 Hrs

Coverage

Approx. 55-60 Sft Feet per 20 kg bag using 6 mm x 6 mm square notched trowel for a bed of 3 mm.

Features / Benefits

- Rapid Strength Gain
- Corrosion Resistant
- Non-expansive
- Can be applied even Underwater
- Good thixotropy Consistency
- Vibration Resistant

For Industrial Use

Fastcure PBL

Paver Block hardener (Chloride Base)

Packing : 250 kg

Fastcure PBL101

Paver Block hardener (Chloride Base)

Packing : 250 kg

Fastcure PC

Paver Block hardener (PC Base)

Packing : 220 kg

Fastcure CP

Cement Accelerator

Packing : 250 kg

Fastcure Rapid

Cement Accelerator (PC Base)

Packing : 250 kg

Lacquer PB

Pave Block Coating

Packing : 50, 200 Ltr



TILES GROUT APPLICATION

Areas of Application

Arrotile Tile Grout is used for grouting of ceramic tiles, marbles, natural stones and edges.

- * Specially formulated for wet or submerged grouting applications such as swimming pool, bathrooms, toilets, fountains and kitchen areas.
- * It can be used for external and internal areas.
- * It is used in residential and commercial areas.
- * Application up to joint width of 2-4mm.
- * It is excellent for highly glazed tiles to give a smooth and watertight joints which when set will be both water and mould resistant.

Method of Application

1 Surface Preparation

- * Surface must be cleaned and should be free from dirt, cured tile adhesive. Remove dust with wire brush & by air blower.
- * For exterior grouting application, wet the tiles prior to applying **Arrotile Tile Grout**.

2 Mixing

- * Add the grout powder to the mixing **Arrotile Polymix** (w:p ratio – 1 : 2.5 by volume) and mix with slow speed drill (250-300 rpm) to a soft & smooth consistency paste.
- * If the grout mortar has become too stiff to work, it should be discarded and a new batch should be prepared.

3 Application

Apply to the tile joints with squeegee, spatula or putty blade. After application flush the surface of tile using a hard rubber float, working diagonally across the grout joints to fill and compact the joints. All excess grout should be removed with the same rubber float without any delay.

* Lesser the quantity of grout left on the face of the tiles while application, the final cleaning will be easier with **Arrotile Tile Cleaner**.

* However, it is important to allow the grout to set in the joint and to let it acquire its initial set before any further cleaning. After the initial set of the grout, clean the tile surface with a pad of cheesecloth or towel dampened with minimum quantity of clean and cool water. Rub in a circular motion to further compact the grout.

* The remaining surface grout on the tile can also be cleaned at this time. Scrubbing pad fastened to a float works very well to remove grout from the porous tiles.

* Rebuff the tile surface and grout within 1-2 hours to remove all weep water and grout residue from the surface, which helps to reduce the efflorescence and to control colour variation.

4 CLEANING

- *Polish the tiles when the job is complete with a clean dry cloth. Scrubbing the floor with hot water and soap water is the best.
- *Due to polymer content, it is advisable to clean the surface immediately after the grouting.

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition.
Store in a cool & dry place.

Health & Safety Precautions

Protective clothing, such as gloves and goggles, should be worn.

- * Treat any contact to the skin or eyes with fresh water immediately.
- * Do not induce vomiting & seek medical
- * Assistance immediately.
- * Reseal pack after use and ensure product is stored as instructed..

ADHESIVE APPLICATION

Method of Application

1 Surface Preparation

* The surface should be sound, clean, and free from dirt, oil or grease before **Arrotile Adhesive** is applied | Substrate should be in Saturated Surface Dry (SSD) condition before application of adhesive | Substrates should be in plumb before application of adhesive

2 Mixing

Mix 20 kg of **Arrotile Adhesive** with 5 to 6 liters of water | Mix to a uniform lump-free consistency using a forced action mixer | Keep it for approximately 5 minutes to fatten it | Hand mixing is recommended for small quantities only | Mix as much quantity as can be consumed in 25 min.

3 Application

Apply **Arrotile Adhesive** paste on substrate with plain side of notch trowel. Press paste firmly to work into substrate.

Comb with notch trowel with notched side, notch trowel to be selected as per required bed thickness | Spread as much adhesive paste as can be tiled within 15 minutes | Start placing/fixing of tiles & tap using beating block or rubber mallet | For large format tiles & stone provide back butter for 100 % coverage & firm bonding | Periodically remove a tile to check transfer of material on tile. Also check spread of adhesive, if not proper and if becomes non-sticky then scrap it & apply paste again...

4 GROUTING

Grouting should preferably be carried out at least 24 hours after the completion of tiling. For grout joints upto 3mm wide use **Arrotile Tile Grout & Epoxy Grout** | For grout joints above 3mm wide use RTM Wide | After grouting clean and polish tiles with a damp sponge or cloth

5 CLEANING

Clean the tools & equipments with potable water immediately after use.

Precautions & Limitations

Always add powder to liquid and not liquid to powder While working in temperature more than 35°C (95°F) always dampen the substrate & finish faster Tiling should not be done when surface temperature is below 40C.

Health & Safety Precautions

Protective clothing, such as gloves and goggles, should be worn. Treat any contact to the skin eyes with fresh water immediately. Do not induce vomiting & seek medical Assistance immediately Reseal pack after use and ensure product is stored as instructed..

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition. Store in a cool & dry place.

APPLICATION WISE PRODUCT RECOMMENDATION CHART

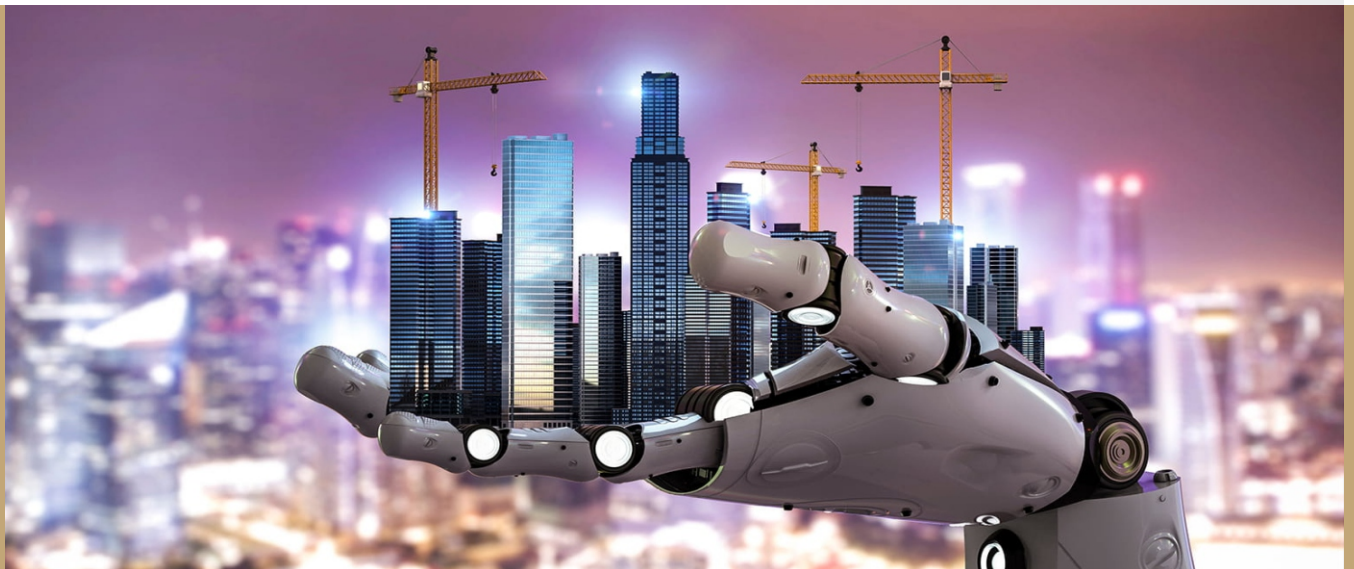
TILE ADHESIVE				
AREA OF APPLICATION				
SUBSTRATE	TYPE OF FINISH	PRODUCT RECOMMENDATION		
		1	2	3
INTERNAL CEMENT FLOOR	CERAMIC TILES	ARROTILE SILVER		
	VITRIFIED TILES	ARROTILE GOLD	ARROTILE SILVER	
	GLASS MOSAIC TILES	ARROTILE PLATINUM + ARROTILE POLYMIX	ARROTILE PLATINUM	
	LOW POROUS STONE	ARROTILE PLATINUM+	ARROTILE PLATINUM + ARROTILE POLYMIX	ARROTILE PLATINUM
EXTERNAL CEMENT FLOOR	CERAMIC TILES/VITRIFIED TILES/MOSAIC TILES	ARROTILE PLATINUM + ARROTILE POLYMIX	ARROTILE PLATINUM	
	ALL NATURALS STONE	ARROTILE PLATINUM+	ARROTILE PLATINUM + ARROTILE POLYMIX	
INTERNAL CONCRETE/ PLASTER WALL	CERAMIC TILES	ARROTILE GOLD	ARROTILE SILVER	
	VITRIFIED TILES	ARROTILE PLATINUM	ARROTILE GOLD	
	GLASS MOSAIC TILES	ARROTILE PLATINUM+	ARROTILE PLATINUM	
INTERNAL GYPSUM BOARD WALL/CALCIUM SILICATE WALL BOARD/CEMENT BACKER BOARD	CERAMIC TILES/VITRIFIED TILES/MOSAIC TILES	ARROTILE PLATINUM+ + ARROTILE POLYMIX	ARROTILE PLATINUM+	
EXTERNAL CONCRETE/ PLASTER WALL	CERAMIC TILES/VITRIFIED TILES/MOSAIC TILES	ARROTILE PLATINUM + ARROTILE POLYMIX	ARROTILE PLATINUM	
	NATURAL STONE/ MEDIUM FORMATE	ARROTILE PLATINUM+ + ARROTILE POLYMIX	ARROTILE PLATINUM+	ARROTILE PLATINUM
GROUT				
INTERNAL FLOOR & WALL RESIDENTIAL	LIVING AREAS	ARROPOXY TILE GROUT SP/GSP/CSP	ARROPOXY TILE GROUT SIMPLE	ARROTILE GROUT + ARROTILE POLYMIX/ ARROTILE GROUT + TETRABOND SBR
	BATHROOM, KICHEN, SWIMMING POOLS, WATER BODIES	ARROPOXY TILE GROUT SP/GSP/CSP	ARROPOXY TILE GROUT SIMPLE	
INTERNAL FLOOR & WALL RESIDENTIAL	OFFICE ROOMS, MEETING ROOMS, TOILETS ETC.			
INTERNAL FURNITURES	DOORS, TV STAND AREA ETC.	ARROPOXY TILE GROUT DIAMOND	ARROPOXY TILE GROUT SP/GSP/CSP	
EXTERNAL FLOOR & WALL RESIDENTIAL	RES	ARROPOXY TILE GROUT SIMPLE	ARROTILE GROUT + ARROTILE POLYMIX/ ARROTILE GROUT + TETRABOND SBR	
WALL PUTTY				
INTERIOR/EXTERIOR	WALLS & CEILINGS WITH > 3 MM UNDULATIONS	ARROTILE WALL PUTTY ROUGH + ARROTILE WALL PUTTY FINE		
	WALLS & CEILINGS WITH GOOD PLUMB & LEVEL	ARROTILE WALL PUTTY FINE		

OUR VALUABLE CLIENTS



IndianOil

GUJARAT GAS





For Feedback / Suggestion & Complaints :

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