



PRODUCT CATALOGUE

“ RESILIENT CONNECTION ”

15 Years of Experience Shaping a Futuristic Brand

Kayra is a leading global brand specializing in adhesives, sealants, repairs, waterproofing, maintenance, and building products. Our formulations are crafted using cutting-edge German polymers and technology, ensuring top-notch quality and performance. We pride ourselves on our comprehensive product range that meets and exceeds international standards, catering to the needs of the global construction chemical and building materials market.

Backed by a team with over 15 years of collective experience in the industry, Kayra is committed to delivering excellence in every product we offer. Whether it's enhancing durability, ensuring waterproofing, or facilitating maintenance, we are dedicated to building a better future for construction projects worldwide. Join us as we set new standards in construction solutions!

Market Trends Analysis: We stay ahead of market trends and customer needs through thorough analysis and research. This helps us identify emerging demands and develop products that address them effectively.

Quality Assurance: Our R&D processes include stringent quality control measures to ensure that every product meets international standards and exceeds customer expectations. We conduct rigorous testing and validation to guarantee reliability and performance.

Environmental Sustainability: Sustainability is a core focus of our R&D efforts. We actively research eco-friendly materials and processes to minimize environmental impact while maintaining product efficacy and performance.

Innovation Hub: Our R&D facility serves as an innovation hub where creativity and collaboration thrive. We encourage interdisciplinary approaches and partnerships with industry experts to drive breakthrough innovations.

Research & Development

At Kayra, we believe in the power of innovation and continuous improvement. Our Research and Development (R&D) department is the backbone of our success, dedicated to pushing the boundaries of technology and product development in the construction industry.

Key Focus Areas

Cutting-Edge Formulations: Our R&D team works tirelessly to develop formulations that utilize world-class German polymers and the latest technological advancements. These formulations are designed to enhance product performance, durability, and sustainability.

Vision

At Kayra, our vision is to revolutionize the construction industry by providing innovative and sustainable solutions that exceed customer expectations. We aspire to be a global leader in adhesives, sealants, repairs, waterproofing, maintenance, and building products, setting new benchmarks for quality, reliability, and performance.

Mission

Our mission at Kayra is to engineer and deliver cutting-edge products formulated with world-class German polymers and technology. We are dedicated to creating value for our customers by offering a comprehensive range of products that meet international standards and address the evolving needs of the construction chemical and building materials market. Through continuous innovation, superior quality, and customer-centric approaches, we aim to empower builders and contractors worldwide to achieve excellence in their projects while contributing positively to sustainability and environmental stewardship.

Managing Director

Tejas Patel & Chintan Patel



Block Jointing Mortar

Kayra GreyMix jointing mortar is a versatile, high-quality mortar mix specifically designed to provide exceptional strength and adhesion for walls constructed with AAC blocks, fly ash bricks, concrete blocks, and more. This unique mortar combines cement, graded sand, and blended polymers to deliver superior strength and water retention properties.

Ready to use, this grey cement-based, non-shrink, self-curing mortar is ideal for fixing and jointing masonry units such as AAC blocks, concrete blocks, and fly ash bricks.



Product Features:

- Superior strength with a unique blend of cement, graded sand, and polymers.
- Strong bonding for AAC blocks, concrete blocks, and fly ash bricks.
- Enhanced water retention for better curing and reduced cracking.
- Prevents gaps or voids between masonry units.
- No additional curing required.
- Convenient, pre-mixed formula.
- Suitable for various masonry units.
- Uniform mix for reliable results.
- Long-lasting and reduces maintenance needs

Advantages

- Ensures durable and long-lasting construction.
- Ready-to-use mix simplifies the process.
- Excellent water retention reduces the risk of cracks.
- Self-curing formula eliminates the need for additional curing.
- Maintains stability without gaps or voids.

Safety Precaution

- Kayra Gray Mix Mortar is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately.
- In case of prolonged irritation, medical advice should be sought. Kayra Gray Mix Mortar is non-flammable.

Bulk density	: 1450-1550 kg/m ²
Pot life	: 1 hour @ 27°C
Usable time post application	: 24 hours
Water powder ratio	: 25% by weight
Tensile adhesion strength @ 28 days (EN 1348)	: 0.75 N/mm ²
Compressive strength @ 28 days	: 6-7 N/mm ²
Split tensile strength 28 days (ASTM C 1660-09)	: 0.4-0.5 N/mm ²
Coverage/kg)	: 3-5 sq.ft. for a block thickness of 100mm
Shelf Life	: Factory packed bags of Kayra Gray Mix Mortar carry a shelf life of 8 months if stored in cool and dry place.

Note:

- Allow a minimum of 24 hours for the subsequent usage. Do not use if the temperature is likely to drop below 5°C or exceed 50°C.
- The technical data provided in this technical data sheet is as per lab testing conditions and may vary as per the actual method of application at sites.

Application Standard

Technical parameters complies with ASTM C 1660-09

Preparation of Application



Surface Preparation

The application area must be free from oil, dust, bond inhibiting agents before starting the work.

Pre-wet the blocks with fresh water to avoid any absorption of water from jointing mortar.



Mixing

Kayra Gray Mix Mortar require 10 to 12 liters of potable water. Which is almost 25% of the material weight.

Always add Kayra Gray Mix Mortar in water and mix it electrical stirrer for 2 to 3 minutes.

After mixing allow it to set for 3 to 4 minutes.

Make the quantity which can be consumed in 1 hour and remix the mixture before use.



Application

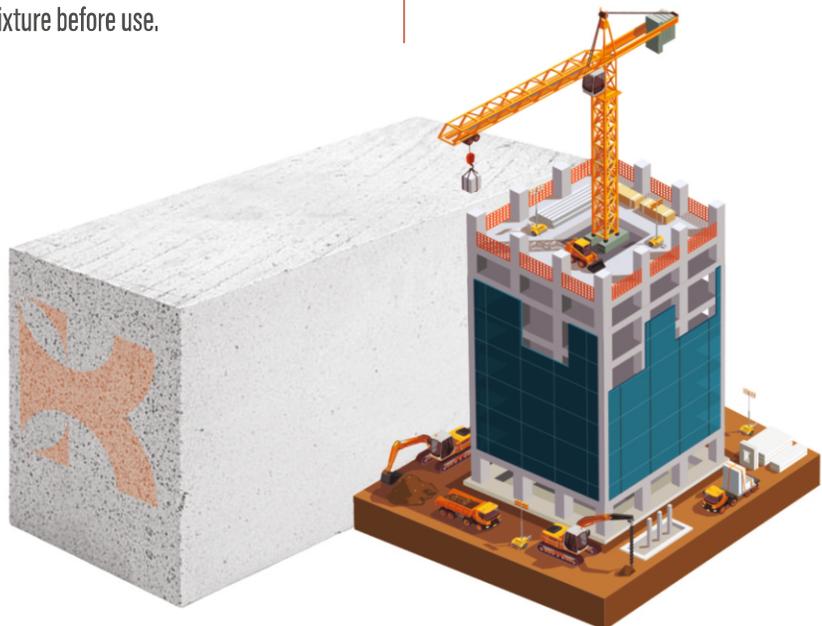
Ensure that the blocks are clean and preserved in dry area during application. Then apply pre-mixed mortar and maintain uniform thickness of 3 mm.

To fill and apply on max area on block make sure the mixture is not in slurry form.

Check the plumb of the wall while lying the blocks.

packaging

40 Kg.





TILE ADHESIVE KA T1 WATER RESISTANT

Polymer modified Tile Adhesive:

Kayra's polymer modified grey cement-based adhesive is engineered to prevent vertical slip. It's perfect for securely fixing ceramic and glass tiles on both floors and walls for internal applications.



Product Features

- Ideal for larger vitrified tiles, accommodating sizes up to 8sq.ft.
- Suitable for ceramic and gres tiles
- Prevents vertical slip during installation
- Offers prolonged and excellent workability
- Adjustable for precise installations
- Self Curing and User Friendly.
- Recommended Thickness - 3mm To 10mm.
- Easy To Use Only Water Needs To Be Added.
- Low Voc (Volatile Organic Compound).

Scope Of Use

- Kayra's tile adhesive is crafted for gres tiles and ceramic tiles, including glazed and terracotta types.
- Wet Areas/tile On Tile.
- Designed for indoor applications on both horizontal and vertical surfaces.
- Compatible with a range of surfaces including cement, cement-lime plaster, screeds, ground coats, and concrete.

Color	: Grey
Consumption Guide	: Approximately 1.2kg/m ² /mm of thickness (Actual consumption may vary based on substrate evenness, trowel notch size, tile type, and application technique.)
Compliance/Standard	: As per IS 15477-2019 standard
Packaging	: Available in 20 Kg bags and 40 Kg bags (for project sales only)
Shelf Life	: Up to 15 months from the date of production when stored in undamaged, dry conditions, and original packaging.
Consumption	: 1.2 To 1.5kg/m ² /mm Of Thickness.
Water Ratio	: 22% To 25%.
Tensile Adhesion Strength (Dry Condition) @ 28 Days:	$\geq 0.5\text{n/mm}^2$.



TILE ADHESIVE **KA T2** WATER RESISTANT

Polymer Modified Tiles & Stone Adhesive

Kayra offers a high-performance tile adhesive that's cementitious and polymer fiber modified, ensuring no vertical slip during installation. It's designed for securely fixing ceramic and vitrified tiles on both floors and walls, suitable for both internal and external applications.



Product Features:

- Ideal for larger vitrified tiles, accommodating sizes up to 24sq.ft.
- Suitable for ceramic, vitrified (semi and fully) tiles, glass mosaic, and non-sensitive natural stone.
- Ideal for balconies, terraces, wet rooms, and bathrooms.
- Can be applied on waterproof and moisture-proof layers.
- Suitable for both indoor and outdoor use.
- Can be used for tile-on-tile applications.
- Self Curing and User Friendly.
- Recommended Thickness – 3mm To 12mm.
- Easy To Use Only Water Needs To Be Added.
- Low Voc (Volatile Organic Compound).

Scope Of Use

- Suitable for both indoor and outdoor applications.
- Kayra Fastone mortars are ideal for rooms exposed to water.
- Kayras Mortar Is Designed For Laying Ceramic Tiles, Vitrified Tiles (Vertically & Horizontally) Both Semi And Fully Tile Body And Non Sensitive, Colour Fast Natural Stone And Marble.
- Recommended For Domestic As Well As Commercial Applications.

Color	:	Available in Grey.
Achieved Thickness Coverage	:	3mm to 12mm.
Consumption Guide	:	Approximately 1.2kg/m ² /mm of thickness (Actual consumption may vary based on substrate evenness, trowel notch size, type of tile/stone, and application technique.)
Compliance/Standard	:	As per IS 15477-2019 standard
Packaging	:	Available in 20 Kg bags and 40 Kg bags (For project sales only)
Shelf Life conditions,	:	Up to 15 months from the date of production when stored in undamaged, dry and in original packaging.
Consumption	:	1.2 To 1.5kg/m ² /mm Of Thickness.
Water Ratio	:	22% To 25%
Tensile Adhesion Strength (Dry Condition) @ 28 Days:		≥ 1.10n/mm ² .



TILE ADHESIVE KA C1 WATER RESISTANT

Polymer modified high strength tile & stone Adhesive

Kayra offers a high-performance tile adhesive that's cementitious and polymer fiber modified, ensuring no vertical slip during installation. It Is Designed For Securely Fixing High Quality Tiles And Also Developed To Fix Large Size Slab Of Granite, Marble Stone for Both Internal And External Application.



Product Features

- Ideal for larger vitrified tiles, accommodating sizes up to 32 sq.ft.
- Excellent tile adherence self Curing
- Allows top-to-bottom tile installation
- Suitable for tile-on-tile application
- Prevents vertical slip during installation
- Easy to apply with a trowel
- High Slip Resistance.
- Recommended Thickness – 3mm To 15mm.
- Low Voc (Volatile Organic Compound).
- Shrinkage And Crack Resistance.
- Excellent Dual Bond Strength.

Scope Of Use

- Kayra's tile adhesive is specifically crafted for vitrified tiles and ceramic tiles, including glazed and terracotta variants.
- Bonding Small Size Tiles In Swimming Pools And Basin.
- Ideal for both indoor and outdoor applications.
- Can be used on horizontal and vertical surfaces.
- Compatible with various substrates such as cement, cement-lime plaster, cement screeds, cement ground coats, and concrete.

Color	: Available in Grey.
Consumption Guide	: Approximately 1.2kg/m ² /mm of thickness (Actual consumption may vary based on substrate evenness, trowel notch size, tile type, and application technique.)
Compliance/Standard	: As per IS 15477-2019 standard
Packaging	: A Grey: Available in 20 Kg and 40 Kg bags (For project sales only) White: Available in 20 Kg bags only
Shelf Life	: Up to 15 months from the date of production when stored in undamaged, dry conditions, and in original packaging.
Consumption	: 1.2 To 1.5kg/m ² /mm Of Thickness.
Water Ratio	: 22% To 25%.
Tensile Adhesion Strength (Dry Condition) @ 28 Days:	≥ 1.5n/mm ² .



TILE ADHESIVE KA C2-E WATER RESISTANT

Deformable Tile & Stone Adhesive

Kayra offers a deformable cementitious adhesive, enhanced with polymer fiber for improved characteristics, slip resistance, and extended open time. This high-performance adhesive is designed for installing vitrified tiles, large-scale tiles, thin tiles, slabs, and natural stones.



Product Features:

- Contains visible fibers for strength and flexibility, ideal for balancing substrate deformations on critical surfaces such as balconies, terraces, wet rooms, bathrooms, swimming pools, and external facades.
- Suitable for ceramic, vitrified tiles (semi and fully), glass mosaic, and non-sensitive natural stone.
- Designed for large-scale and heavy-duty vitrified tiles.
- Recommended thickness 3mm to 15mm
- Excellent Dispersibility & No vertical slip
- Ultra High Adhesion Strength
- Low Voc (Volatile Organic Compound)

Scope Of Use

- Kayra's FastOne SI is designed for laying vitrified tiles (semi and fully), cement and stone tiles, large format and heavy-duty tiles, thin tiles, glass mosaics, and natural stone on a deformable substrate.
- Its unique features maintain an elastic connection with the substrate, enabling it to handle shear stresses between the tile and the substrate effectively.
- Suitable for use on both horizontal and vertical surfaces.

Color	:	Available in Grey and White Variant.
Consumption Guide	:	Approximately 1.2kg/m ³ /mm of thickness (Actual consumption may vary based on substrate evenness, trowel notch size, type of tile/stone, and application technique.)
Compliance/Standard	:	As per IS 15477-2019 standard
Packaging	:	Available in 20 Kg bags and 40 Kg bags (For project sales only) White: Available in 20 Kg bags only
Shelf Life	:	Up to 15 months from the date of production when stored in undamaged, dry conditions, and in original packaging.
Consumption	:	1.2 To 1.5kg/m ² /mm Of Thickness.
Water Ratio	:	22% To 25%
Tensile Adhesion Strength (Dry Condition) @ 28 Days:		≥ 1.8n/mm ² .

Kayra
CORPORATION PRIVATE LTD.

**COMING
SOON**



CERAMIC

**WATERPROOFING
SOLUTION**

**STRUCTURAL
REPAIRS**

**WALLING
SOLUTIONS**



NOTE:

A large white rectangular area with a torn paper edge, containing 20 horizontal lines for writing. The lines are evenly spaced and extend across the width of the white area. The background is a solid orange color with a faint grid pattern in the bottom right corner.

The logo for Kayra Corporation Private Ltd. features the word "Kayra" in a bold, orange, sans-serif font. The letter "K" is stylized with a yellow leaf-like shape on its left side. Below "Kayra", the words "CORPORATION" and "PRIVATE LTD." are written in a smaller, black, sans-serif font, separated by a small orange leaf-like shape.

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