

PREMIX WALLING

PRISMATIC RANGE



A PRISMATIC RANGE OF PREMIX WALLING SOLUTIONS



PRISM JOHNSON LIMITED



Prism Johnson Limited is among India's largest integrated building materials companies, offering a wide range of products from cement and ready-mixed concrete to tiles and bath products.

Prism Johnson strives to provide high-quality and innovative building materials products and services, while meeting society's needs in a sustainable manner. The Company believes that a superior customer experience makes the foundation for long-lasting partnerships. To this end, the Company continuously customises products and solutions to meet customers' requirements and ensures higher satisfaction.

ABOUT PRISM JOHNSON

Foundation for the Future

Prism Johnson Limited is an Integrated Management Systems (IMS) Certified Company (ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, SA 8000:2014 & ISO 50001:2018). The equity shares of the Company are listed on the BSE Limited and the National Stock Exchange of India Limited.

Prism Cement

Prism Cement is a prominent cement manufacturer in central India.

5.6 MTPA
Installed Cement Capacity

Prism RMC

Prism RMC is amongst India's leading ready-mixed concrete manufacturers with 100 plants across India (including franchisees for purchase of ready-mixed concrete).

~12 mmm³
Installed RMC Capacity

H & R Johnson

HRJ is among the largest ceramic tiles players in India and offers a wide range of products: tiles, sanitaryware & bath fittings, engineered marble & quartz.

67 mmm²
Installed Tiles Capacity

NEW PRODUCTS VERTICAL



The New Products Vertical (NPV) is a part of the Prism Johnson Limited-RMC (India) Division, specializes in producing and promoting allied building material products, showcasing a commitment to deliver cutting-edge solutions.

Within the NPV, the Premix Walling range is dedicated to providing high-quality wall plastering solutions to make walls simply better.



PrismPlast

READY MIX PLASTER

DESCRIPTION

PrismPlast stands out as a premium ready mix plaster designed to elevate your walls effortlessly. By overcoming on-site mixing challenges, it guarantees convenience and superior performance. The distinctive formulation of PrismPlast incorporates silt-free graded sand, ensuring smooth finishes and exceptional adhesion to surfaces. In comparison to conventional plasters, PrismPlast achieves a sleeker and more durable finish. Its advantages extend to quicker curing times and minimized re-bonding concerns, thanks to enhanced water retention and bonding properties. Setting a new standard among ready mix plaster brands, PrismPlast excels in improved coverage and rapid setting features. **PrismPlast complies with IS 1542 standards.**

TECHNICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS
Dry BulkDensity	1.5-1.6 Kg/L
Compressive Strength	≥ 9 Mpa, 28 Days Upto 1 Hr @ 27°C
Pot Life	15-20% /40 kg
Water Demand	16-18 sq.ft/ 40 kg (10-12 mm)
Coverage Area	>=0.30 Mpa
Pull Off Test- 28 Days	After 24hrs for 2-3 times for
Curing	1-3 days at 27 degree celsius

ADVANTAGES

-  **High quality & smooth finish**
-  **Minimal rebound loss/ wastage**
-  **Excellent workability**
-  **Speedy progress of work**

KEY TAKEAWAY

PrismPlast not only ensures structural integrity but also elevates aesthetic values. Opting for pre-blending with PrismPlast ensures superior quality, control, and consistency for your walls, making them simply better. Our commitment extends beyond the product; we offer readily available technical support at your doorstep. Furthermore, PrismPlast minimizes waste, enhancing job-site safety for workers.

PACKAGING, SHELF LIFE & STORAGE

Available in 40 kg of PP laminated bag. Best before three months from the date of manufacturing if stored in clean and dry place with sealed ends.



PrismPlast-GS

READY MIX PLASTER

DESCRIPTION

Introducing **PrismPlast-GS**, an advanced ready-mix plaster designed for a superior plastering experience. This innovative solution delivers a seamless one-coat render, effortlessly providing a smooth, decorative finish in a single application. Ideal for both internal and external surfaces with minimal wall preparation, PrismPlast-GS is crafted from high-quality OPC-53 and polymeric additives for unparalleled consistency. This eco-friendly formula ensures not only better but long-lasting plastering, suitable for diverse applications. Transform spaces confidently with PrismPlast-GS, a conscientious choice in construction materials, aligning with sustainability for lasting and environmentally responsible plastering solutions.

TECHNICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS
Bulk Density	1.6 - 1.8 KG/L
Water Demand	14-17% (+/-3%)
Pot Life	Upto 1 Hr@ 27°C
Compressive Strength	≥ 9 Mpa, 28 days
Pull Off Test- 28 days	>= 0.30 Mpa

ADVANTAGES

-  **Smooth finish**
-  **Eco-friendly**
-  **Easy to use**
-  **Assured quality**

KEY POINTS

- Achieving a minimum plaster thickness of 6 mm is recommended to ensure a sturdy and reliable application.
- However, it is essential to exercise caution and avoid attempting a single-layer thickness exceeding 18 mm, as this could compromise the overall effectiveness of the plaster.
- To allow for proper curing and set the foundation for a durable finish, it is advised to allocate a curing period of 4-6 days. This timeframe ensures that the plaster surface is adequately prepared for any subsequent activities or treatments.

PACKAGING, SHELF LIFE & STORAGE

Available in 40 kg of PP laminated bag. Best before three months from the date of manufacturing if stored in clean and dry place with sealed ends.



PrismPlast-GYP

GYPSUM PLASTER




DESCRIPTION

PrismPlast-GYP is a high-quality gypsum plaster offering superior aesthetic appeal for walls. Featuring a seamless finish, improved acoustic qualities, and top-notch thermal insulation, it enriches indoor spaces. With a streamlined application and setting process, it ensures effortless handling and optimal coverage. As it dries, the plaster achieves a remarkable level of whiteness, resulting in a flawless matte finish. Tailored for various indoor plastering projects, PrismPlast-GYP seamlessly combines functionality and elegance, becoming the go-to choice for transforming surfaces into refined works of art.

TECHNICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS
Whiteness	>85%
Consistency	60-70%
Fineness (200#)	<3.0%
Setting Time	15-20 minutes
Density	1.0-1.2 g/ml

ADVANTAGES

-  Smooth and perfect finish
-  Better acoustic
-  Excellent thermal insulation

MECHANICAL PROPERTIES

- PULL- OFF STRENGTH** (After 14 days)
 DRY ADHESION > 0.15 MPa
- COMPRESSIVE STRENGTH** (After 7 days)
 COMPRESSIVE STRENGTH ≥ 5 Mpa

COVERAGE

18-20 Sq. Ft./25 kg bag at 10-12 mm thickness on plain surface (or depending on substrate conditions).

PACKAGING, SHELF LIFE & STORAGE

Available in 15, 20 & 25 kg of PP laminated bag. Best before six months from the date of manufacturing if stored in clean and dry place with sealed ends.

PrismPlast-BondX



DESCRIPTION X

PrismPlast-BondX is a ready-to-apply bonding agent for plaster designed to facilitate the preparation of ceiling and wall surfaces, with a particular emphasis on RCC, for both gypsum and cement plaster applications.

Incorporating coarse granules, PrismPlast-BondX ensures impeccable mechanical bonding to plaster, effectively eliminating the need for labor-intensive hacking processes. The inclusion of special polymers enhances the product, resulting in a remarkably robust and enduring chemical bond.

TECHNICAL SPECIFICATIONS X

Parameters	Range/Value
Open time for plastering	Upto 3 months
Drying time	4 hours
Solid contents	> 60%
Viscosity	98000 5000 cps
pH value	8-9
Density ASTM D 1475	1.30 gms/cc
Granularity	Coarse
Coverage	55-60 sqft/kg

SHELF LIFE X

Available in 10 & 20 kg bucket. Best before six months from the date of manufacturing if stored in clean and dry place.



- High coverage
- Impact resistant
- Water resistance
- Ultraviolet stability
- Improved bond strength
- High strength

PRISM JOHNSON LIMITED

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*DISCLAIMER:

PrismPlast, PrismPlast-GS & PrismPlast-GYP are nontoxic and non-inflammable. Care should be taken to avoid dust inhalation while mixing and handling, also use of gloves and goggles are recommended while application. In case of contact with eyes or skin, wash off with plenty of clean water immediately and take medical advice, if needed. This catalog is created solely for product information purposes. Product performance may vary from site to site.

Make your walls
Simply Better

