



PEEJAY

A legacy of strength

MAX

XPRESS PLAST™



DOES PLASTERING HOLDING BACK YOUR VISION?

As an Architect or Engineer, you strive for perfection in every project. But are traditional plastering methods limiting your creativity and efficiency?

Discover how Xpress Plast can revolutionize your designs with seamless, high-quality finishes that bring your architectural visions to life.

Traditional plastering methods can sometimes limit your creativity and efficiency due to their labour-intensive nature, potential for imperfections, and time-consuming application processes.

With Xpress Plast, you can revolutionize your designs. This innovative plastering solution provides seamless, high-quality finishes that enhance your architectural visions. Xpress Plast offers faster application, greater precision, and a flawless look, allowing you to achieve the perfection you desire in your projects. Embrace the future of plastering and let your creativity soar without constraints.

LEGACY

PeeJay Max is the latest addition to PeeJay Group, a group of companies formed in early 1994. PeeJay Group's domain is spread in wide-ranging realms like Transportation, Real Estate, Rubber Plantation, Petroleum Outlets, Construction, Logistics, Paper Bag Manufacturing, and Quarry and Crusher Units in India and UAE.

Our ISO 9001:2015 certification from Bureau Veritas highlights our commitment to quality and customer satisfaction, ensuring we consistently meet and exceed expectations.

VISION

To be at the forefront of introducing and providing sustainable and technologically advanced building materials and practices for the construction industry.

MISSION

To add value to the services in the construction industry by redesigning the prevalent construction materials and practices.

PEEJAY GROUP



Redefining Perfection and Design Freedom

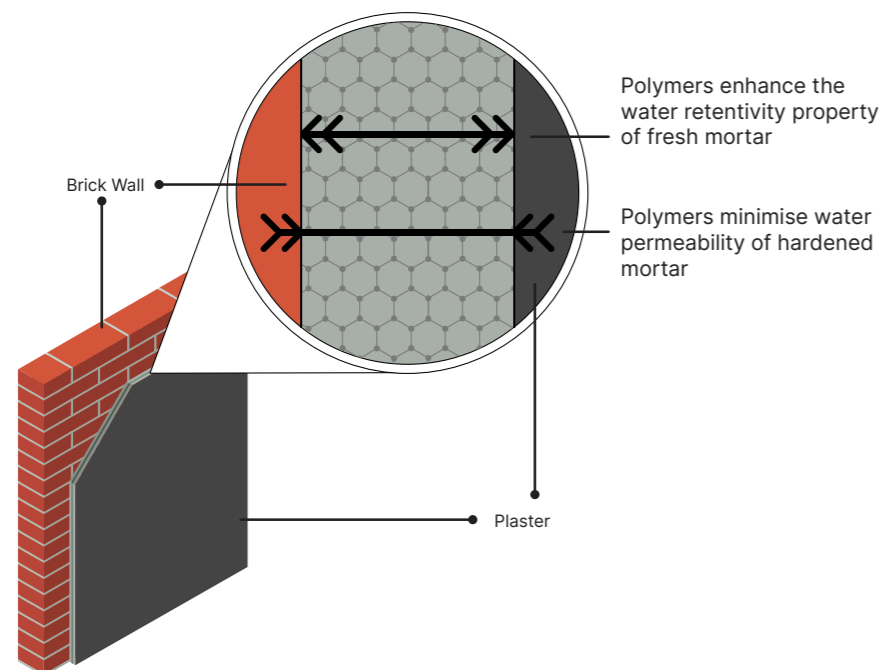
XPRESS PLAST adapts seamlessly to various textures and finishes, providing you with the creative freedom to bring your unique architectural visions to life without compromise. The unique composition of XPRESS PLAST, which includes Cement, Graded sand, polymers, fibres, and GGBS empowers you with unlimited design freedom.

Polymers for Water Retention

Polymers enhance the water retention property of the plaster during the application, which improves the quality of plastering and the time of consumption without any loss of raw material properties. Polymers can protect the surface against weather conditions and moisture content during the hardening stage of plaster

Benefits:

- Increase the Pot life from 30min to 2 hours.
- High Strength and Durability
- Water, weather and Thermal resistant.
- Good workability to increase efficiency



Anti- Crack Glass Fibres

The traditional plaster mixes are prone to plastic shrinkage during the setting phase, which can often lead to cracking. Adding relatively small amounts of fibre reinforcement can reduce this problem by controlling this early-age plastic shrinkage cracking.

Benefits:

- Improved surface quality
- Greater impact resistance
- Increased impact strength and abrasion resistance
- Higher flexural strength

Versatile Application

Xpress Plast is a versatile plaster solution designed for use in interiors, exteriors, and ceilings. Formulated to meet the CS IV grade standard, it boasts a compressive strength exceeding 6 N/mm² on the 28th day and complies with all relevant test procedures as per the code.



Where Quality Meets Simplicity, Every Detail Shines

Ensuring Consistent Quality by Graded Sand

Normal Sand:

Inconsistent Particle Sizes: Traditional Sand used in plastering has particle sizes less than 2.36mm which are not proportionate, leading to Inconsistent Quality in final plaster mix

Graded Sand:

Xpress Plast uses precisely graded sand stored in three silos:

Silo 1: > 2.36mm – 0.600mm

Silo 2: 0.600mm - 0.300mm

Silo 3: 0.300mm - 0.150mm

This ensures uniform particle distribution, resulting in high-quality plaster. DMM Plant Precisely controls particle size distribution.

Why This Matters:

Uniformity

Consistent particle sizes mean a more uniform plaster mix, resulting in smoother application and better finish.

Quality Assurance

An advanced Civil and Chemical Research & Development laboratory led by highly technical professionals..

Efficiency

With consistent materials, the plastering process becomes stronger and more durable, saving time and reducing wastage.

German Technology Plant

Mixing Plant

The fully automated Twin Shaft mixing DMM plant, built by M/s. Schwing Stetter has a production capacity of 20 tons per hour.

Design Mix

We use a precise design mix for production, ensuring CS IV grade.

Precision Mixing

The PLC-controlled DMM weigh batching plant ensures accurate raw material quantities.

Uniform Consistency

Our twin shaft mixing guarantees even blending of all ingredients, maintaining Consistency in each bag.

Contamination-Free Process

The mix is transferred directly from the machine to the bag, eliminating any risk of contamination.

Physical and Chemical Testing

Physical Tests

- Consistency of Fresh Mortar
- Water Retentivity of Fresh Mortar
- Workable Life and Correction Time
- Compressive and Bond Strength
- Water Absorption Coefficient Due to Capillary Action

Chemical Tests

- Insoluble Residue and Soluble Silica
- Water-Soluble Chloride Content
- Calcium Oxide (CaO), Sulfur Trioxide (SO₃), Iron as Fe₂O₃, Magnesium Oxide (MgO), Aluminium Oxide (Al₂O₃), Chloride

Building A Greener Tomorrow

XPRESS PLAST is manufactured using eco-friendly materials and production processes, minimizing environmental impact

- **Reducing CO₂ Emissions:**
By incorporating Ground Granulated Blast Furnace Slag (GGBS) into our formulations, we reduce carbon dioxide emissions by up to 20%. This innovative approach helps mitigate environmental harm caused by traditional construction materials.
- **Waste Reduction:**
Xpress Plast helps to reduce wastage through efficient use of materials and precise manufacturing processes, contributing to a more sustainable construction industry.
- **Heat Emission Reduction:**
Xpress Plast minimizes heat emission, supporting environmental conservation efforts.



Switch to global standards for Plastering
Build Smart Save Big

30%
More Coverage

30%
Less Time

30%
Less Cost

Why choose Xpress Plast?

- High durability, workability and better finish
- Reduces time consumption
- Economical and very little wastage
- Water and weather resistant
- High consistency and more coverage
- Reduced shrinkage cracks

Where to use Xpress Plast?

- It can be used for a variety of external and internal plastering applications
- Ideal for application on all types of bricks, blocks, stone walls and concrete surfaces
- Extremely useful for levelling application in repair and rehabilitation work

How to use Xpress plast?



Mix Xpress Plast in a clean container with water specified in the technical data, using a suitable agitator until smooth and free of lumps.



Leave to rest for a moment and then mix again, to achieve the right consistency for applying



Do not mix with other products or substances



Apply the mix properly to the surface at desired thickness



Cure the plaster for 7 days



Differences between Conventional & Modern method

	Conventional Method	Ready Mix Plaster
Raw Material Quality	Uses available sand and Cement, which may not always be of consistent quality and may contain impurities like silt and organic content.	Utilizes clean and graded sand, high-quality cement, Polymers, Fibers, and modifiers. These materials are mixed in the factory, ensuring consistent and superior quality.
Testing of raw materials	Testing raw materials on-site is practically difficult and often limited to visual inspection.	Raw materials are tested according to international standard in the factory, ensuring better quality control.
Procurement and mixing	Ingredients are procured separately, conveyed to the site, and manually mixed before application.	Raw Materials are mixed at the plant, supplied in bags and stored on-site. Only water needs to be added before application, reducing on-site mixing and storage concerns.
Wastage and contamination	Storage of loose materials on site can lead to wastage and Contamination of foreign particles	Supplied in concealed bags, resulting in negligible wastage and contamination
Consistency of product	It is impractical to ensure consistent quality of raw materials for the entire project, leading to variation in the mix ratio	Provides a consistent product for the entire project due to the mix design developed in the R&D lab and computerized production process.
Additives for performance	Additives are not commonly used to enhance the plaster performance.	Include High-quality Polymers, Fibers and modifiers to improve the consistency and durability of plaster
Adhesion and application speed	Plaster adhesion is often less, resulting in slow application and high rebound wastage	Incorporate polymers, fibers and modifiers leading to excellent adhesion, faster application and minimal rebound wastage
Shrinkage cracks	Prone to shrinkage cracks due to poor quality of raw materials	Minimize shrinkage cracks due to the use of high-quality raw materials
Plaster surface Quality	Provides a moderate plaster surface	Deliver much better plaster surfaces that are durable and require very low maintenance





Mr. Prince Jesoph Vellukunnel, Builder,
Ventura Realtors India Private Limited
Former State Chairman Builders Association of India



Concern :
With traditional plastering methods, we struggled with inconsistent work quality and insufficient product quantity, leading to delays and increased costs.

Solution :
Xpress Plast, with its graded sand and Schwing stetter's German technology, fully automated PLC-controlled mechanism, provides a consistent quality mix. This results in more coverage area, leading to significant savings in both cost and time. It's been a game changer for our construction projects.



Mr. Alex Thomas, Founder Neptune Readymix Concrete Private Limited



Using ready-to-use plaster produced in a fully automated plant will enhance plastering quality substantially.

This international quality product ensures better mix, consistent quality, durability and flawless finish.

Adopting superior quality products like this will increase productivity and reduce input material wastage, contributing to greater sustainability.



Dr. Elson John
Professor and Head, Dept. of Civil Engineering
M A College of Engineering
Indian Concrete Institute, Vice Chairman



Switching to factory-blended, ready-to-use plaster enhances construction quality and sustainability. This advanced solution ensures consistent mixtures, superior durability, and a flawless finish. Adopting these standards reduces material wastage and improves efficiency, aligning with modern sustainability goals. Elevate your plastering work to meet international quality standards and deliver exceptional results.



Mr. Anoop Chandran, Architect, Amac Architects



Concern:
Inconsistencies in sand quality have led to quality issues, such as cracks and efflorescence, commonly faced by architects in their projects. Furthermore, the fast setting time of traditional plaster has made it challenging to achieve intricate designs, thereby limiting the overall aesthetic appeal.

Solution:
Ready mix plaster's uniform design mix, featuring graded sand in a single bag, effectively solved these quality issues. The added polymers and fibers provide higher pot life compared to the traditional plaster. This extended working time allowed our team to implement complex, elegant designs in my projects, significantly enhancing their aesthetics.



Technical Data

Parameter	Typical Value
Classification	Designed, factory-made general purpose, grey coloured powder
Aggregate size	0.15 mm-2.36 mm
Application thickness	8-20 mm. (Single layer)
Bulk density	1500±300 Kg/m ³
Compressive strength	CS IV ≥ 6 N/mm ² (28 days)
Bonding strength	≥0.2 N/mm ²
Capillary water absorption	W2
Pot life	2 Hours
Water retentivity	Min 80%
Amount of mixing water	17% of the total weight, 6-7 litres per bag
Area of coverage (12 mm thickness)	22-25 square feet per 40Kg

Storage & Expiry

Can be used for up to six months after the date of production as long as it is kept dry and in its original, undamaged sealed packaging.

Safety Instructions

1. Wash hands with plenty of water after handling.
2. Use protective gloves / protective clothing/ eye protection/face protection.
3. In case of contact with eyes: Rinse your eyes cautiously with water for several minutes.

Technical Enquires :

920 707 8649

— PeeJay Max —



Promises



On-Site Testing

28th day pull off strength providing assurance certificate



Guarantee Buy - Back

If Xpress Plast doesn't meet the minimum coverage of 22sqft on the level surface with 12mm thickness, we promise a full refund



24x7 Customer Support

An Expert team to clear your doubts



Tested and Certified

MTC and test reports will be provided



Supply within 24 Hrs

Swift order fulfillment to customers needs promptly

Quality Policy

- We shall endeavour to provide superior quality building materials in the Civil Construction Work Industry by providing the state-of-the-art technology solutions through our Dry Mix Mortar.
- We are committed to exceed and excel customer requirements through continual improvements of our product and service provisions, strictly adhering to applicable Standards and Regulatory compliance.
- We shall sustain organizational excellence through timely responsiveness, quality consciousness, leadership, employee participation and innovative efforts.

For free Site visit Contact :

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