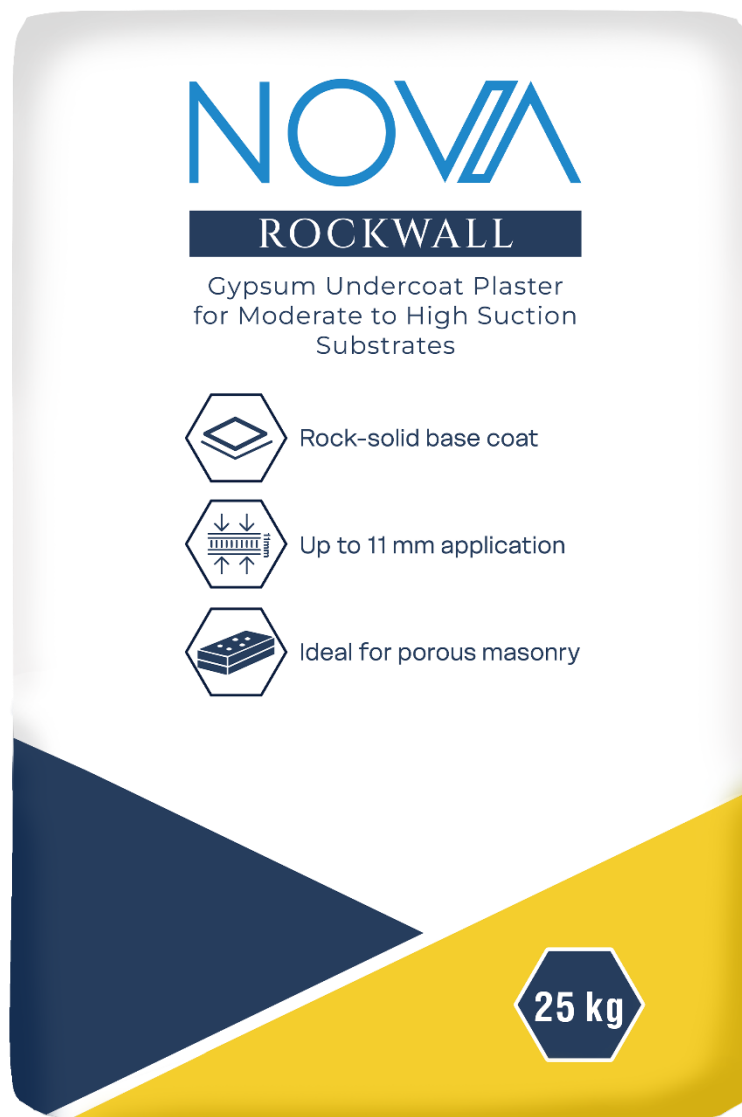


NOVA RockWall

Gypsum Undercoat Plaster for Moderate to High Suction Substrates



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NOVA RockWall is a high-performance gypsum undercoat plaster designed specifically for two-coat plaster systems. It is suitable for hand application as well as machine projection, making it ideal for both traditional plastering and modern high-speed application workflows.

PRODUCT DESCRIPTION

Product: This product is formulated for use on medium to high suction backgrounds, such as brickwork and aerated concrete blocks.

COMPOSITION	Gypsum, selected fillers, polymers
COLOUR	Off -white free flowing powder
PACKAGING	25 kg Bag
FEATURES & BENEFITS	• Ideal for medium- to high-suction backgrounds • Compatible with Spray Machines • Strong, Durable Base coat • Reliable workability • Excellent adhesion on absorbent masonry and concrete • Crack-resistant with high surface durability • High coverage and cost-effective
USES	• Interior wall plastering • Undercoat plastering on masonry • Two-coat plaster systems

TECHNICAL ANALYSIS

PARAMETERS	SPECIFICATIONS
Wall application thickness	11 mm
Ceiling application thickness	8 mm
Working time	Max. 80 minutes
Set time	Min. 120 minutes
Water required	15.0 to 18.0 litres per 25 kg bag
Coverage	3.0 m ² /25 kg bag at 11 mm thickness 4.1 m ² /25 kg bag at 8 mm thickness
Reaction to fire	Class A1
Bond strength	≥ 0.3 MPa
Shelf life	12 months (if stored correctly)

COMPLIANCE and QUALITY

CE marked

Conforms to EN 13279-1:2008, Type B4/20/2 and C3/20

AVCP System 4

Manufactured under an ISO 9001:2015 certified quality management system

For performance details, refer to the Declaration of Performance (DoP)

GUIDANCE FOR USE

SUITABLE
SUBSTRATES

- Bricks (common brick, concrete bricks with raked joints)
- Autoclaved Aerated Concrete (AAC) blocks
- Aggregate concrete blocks
- No-fines concrete
- Dense blocks (except smooth low-suction blocks)

SUBSTRATE
PREPARATION

- Ensure background is dry, clean, structurally sound, and dust-free
- Avoid applying on:
 - Smooth low-suction dense blocks
 - Green or freshly built backgrounds
 - Surfaces with standing or visible free water
- Protect the substrate from direct weather exposure

MIXING
INSTRUCTIONS**Hand Mixing:**

- Gradually add 15–18 liters of clean water per 25 kg bag of NOVA RockWall using clean mixing equipment. Contamination from previous mixes may affect setting time and strength
- Mix by hand until smooth and lump-free
- Avoid over-mixing, as this may reduce workability and adhesion

Machine Mixing:

- NOVA RockWall can be mixed and applied using plastering machines. Refer to the machine manufacturer's guidance for correct operation

APPLICATION

Hand Application:

- Install gypsum or levelling strips in the area to be plastered
- Apply the first coat to a thickness of 10–12 mm. Rake or cross-rake the surface before it sets
- Fill any hollow area, level off, and compact the surface. Allow the initial set before applying the finishing coat
- Level the surface using an aluminium straight edge and apply a thin slurry for the final finish
- After complete drying (usually ~72 hrs., depending on thickness and humidity), the surface is ready for painting

Machine Application:

- Pre-wet dry, absorbent surfaces before application
- Spray the material evenly using the plastering machine
- Level the surface with a float to the required thickness
- Use an aluminium ruler from bottom to top, then left-to-right and right-to-left to ensure an even finish
- The plastered wall will be ready for subsequent finishing or painting

STORAGE	• The product should be stored in a cool, dry place and should be used within 12 months of the date of manufacture
USAGE	• Do not apply on frozen surfaces
PRECAUTIONS	• Do not apply plaster on: ➤ Green or freshly built backgrounds ➤ Surfaces with standing or visible free water ➤ Smooth, low-suction dense blocks • Protect freshly applied plaster from rapid drying in hot or windy conditions • Do not expose the set plaster to temperatures above 49°C • In hot or dry climates, protect from rapid water loss • Keep out of reach of children

STORAGE INSTRUCTIONS

- Store in a cool, dry, and well-ventilated place away from heat sources or direct sunlight
- Keep away from water and damp areas
- Avoid using partially used material. Open bags containing partially used material should be kept in a bag with its mouth tightly closed with string to prevent lump formation
- As temperature, humidity, water addition, and other parameters vary from site to site; the above information should be treated as general guidelines

HANDLING

- Walplast complies with its obligations as a supplier of building materials and systems, as required under Section 6 of the Health and Safety at Work etc. Act 1974
- To reduce the risk of injury from lifting and carrying, manual handling should be carried out safely
- Employers and workers must follow the Manual Handling Operations Regulations 1992 (MHOR) and HSE guidance (INDG143)
- Everyone should work together to prevent injuries and ensure a safe workplace
- For health, safety, and handling guidance, refer to the Safety Data Sheet (SDS)

DISPOSAL

- Segregate plaster from non-gypsum waste for recycling where possible, and dispose of in accordance with local authority requirements



Gypsum Undercoat Plaster for Moderate to High Suction Substrates

SUITABLE FOR



Internal wall plastering on masonry backgrounds



Raked brick joints



Brickwork & blockwork



Aerated concrete (AAC) blocks

HOW TO APPLY



Preparation:
Ensure background is clean, dry, structurally sound, and free from dust, grease, oil, and loose material. Substrates must be properly fixed and stable.



Mixing:
Gradually add NOVA RockWall to 15-18 litres of clean water per 25 kg bag using clean mixing equipment. Mix until smooth and lump-free. Avoid over-mixing.



Application:
Hand Application: Apply plaster to 10-12 mm thickness and rake the surface before setting. Level to an even surface and allow to set before finishing.
Machine Application: Pre-wet dry, absorbent surfaces. Spray material evenly using a plastering machine and level to the required thickness.

Note: See TDS for further information.

FEATURES



MIXING
15-18 litres of clean water per 25 kg bag



THICKNESS
Up to 11 mm for wall application. Up to 8 mm for ceiling application



SHELF LIFE
12 months from date of manufacturing in unopened conditions



COVERAGE
3.0 m² / 25 kg at 11 mm thickness (coverage may vary depending on surface)



FINISHING TIME
~120 minutes



APPLICATION
Apply 2 coats by hand or machine spray

HEALTH, SAFETY, AND HANDLING INFORMATION



Wear dust mask, eye protection, gloves and helmet. Keep out of reach of children.

- Avoid breathing dust; use well-ventilated areas and suitable PPE where required.
- Dust may cause temporary irritation to eyes, skin, or respiratory system.
- In case of eye contact: rinse with clean water for several minutes; seek medical advice if irritation persists.
- In case of skin contact: wash with soap and water after handling.
- If inhaled: move out for fresh air.
- If swallowed: rinse mouth and seek medical advice if discomfort occurs.
- Store in a cool, dry place and protect from moisture; keep bags sealed and reseal part-used bags.
- Do not apply to frozen substrates and ensure surface suitability before application.
- Protect freshly applied plaster from rapid drying caused by hot or windy conditions.
- Manual handling: use safe lifting techniques.
- Bag weight: 25 kg.
- Dispose of contents and packaging as per local authority regulations.

Note: See SDS for health, safety & handling information.

CE

Walplast Products Pvt. Ltd.
ISO 9001: 2015 Certified Company
Registered Office: Plot No. A-246, Cross Rd Number 18, T.T.C. Industrial Area, MIDC Industrial Area, Mahape, Navi Mumbai, Maharashtra 400710, INDIA.
Manufacturing Facility: Ankleshwar, Gujarat-393001, INDIA.
Authorised Representative (EU): 24hour Solutions B.V., trading as 24hour-AB, Van Nieuwegein 1, Nova-BC Rotterdam, The Netherlands.
DoP No.: DoP-NOVA-RockWall-EN-2026-01
DoP No.: DoP-NOVA-RockWall-UK-2026-01
EN 13279-1:2008 (Type B4 & C1)
NOVA RockWall - Gypsum Undercoat Plaster for Moderate to High Suction Substrates
Internal base coat for medium/high suction substrates
Reaction to fire: Class A1
Thermal resistance: NP0
Direct airborne sound insulation: NP0
Country of Origin: India
Commodity: NOVA ROCKWALL
Net Weight: 25 kg
For further information or complaints, please contact
📧 www.walplast.com | 📧 customerscare@walplast.com
☎ 1800 3000 6650.

FOLLOW US ON     

Scan the relevant QR code to access DoP, TDS & SDS.

For EU



For GB





Disclaimer: Technical information is based on knowledge and experience to provide accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. As site conditions and application practices are beyond the manufacturer's control, it is the responsibility of the end user to ensure the product's suitability and that they refer to the latest version of this document.