

Leca Rushcoat - 1030

Ready Mix Rushcoat



Version & Date:
V7 - Aug 2025

Description

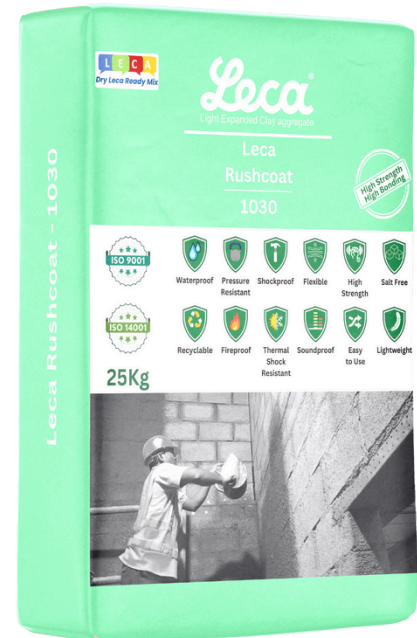
Leca Rushcoat - 1030 Revolutionize your workflow with our innovative rushcoat, a premium solution designed to optimize performance and streamline application. This pre-mixed wonder eliminates the need for time-consuming mixing, allowing you to focus on what matters most – creating a flawless final product.

Here's what sets our rushcoat apart:

- **Unmatched Convenience:** Forget about complicated mixing ratios. Our pre-mixed formula requires only the addition of water, saving you valuable time on-site and ensuring consistent quality throughout your project.
- **Superior Bonding Strength:** Build with confidence. This rushcoat forms a powerful bond between your substrate and the subsequent plaster or render layer, ensuring a long-lasting and secure foundation for your finished product.
- **Effortless Application:** Experience a smooth and user-friendly application process, whether you prefer a hand trowel for precise control or a sprayer for broader coverage.

But that's not all! This advanced rushcoat boasts a range of additional properties that make it a valuable asset for any construction project:

- **Lightweight Advantage** for reduced weight load on your project.
- **Enhanced Fire Safety** for superior fire resistance.
- **Durable Performance** that withstands the elements.
- **Faster Project Completion** with a reasonable drying time.



- **Broad Application Window** for flexible scheduling.
- **Efficient Material Usage** to optimize project costs.
- **Convenient Packaging and Handling** for easy use and storage.

Ready to experience the difference?

Our innovative rushcoat offers the perfect blend of convenience, performance, and user-friendly features. Transform your construction projects with this next-generation solution.



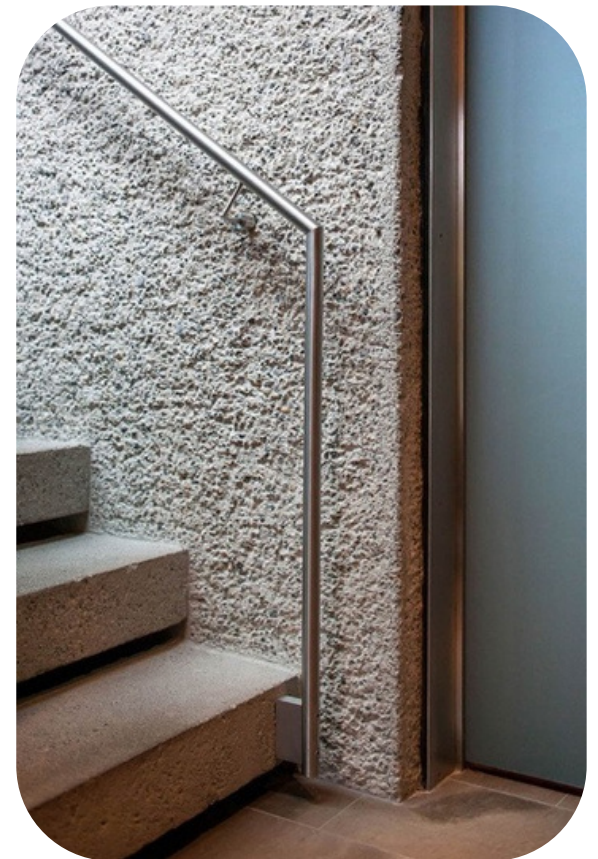
Tailored Application for Different Surfaces:

- Rush Coat is used for providing a mechanical key for

subsequent layers of plaster and renders.

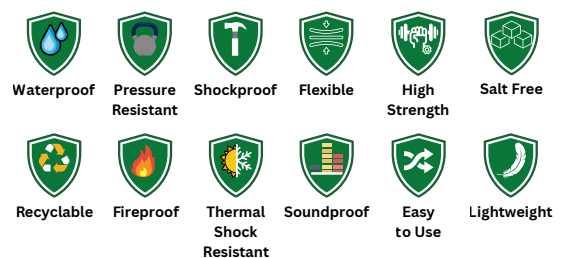
INSTRUCTIONS FOR USE

- **LECA Blocks:** For smooth LECA blocks, you can apply the rushcoat directly without any pre-treatment. The LECA's inherent texture provides sufficient grip for optimal adhesion.
- **Concrete Surfaces:** For optimal results on concrete, follow these simple steps:
 - **Sanding:**
Roughen the concrete surface using sandpaper or a mechanical sander to create a mechanical key for better bonding.
 - **Washing:**
Thoroughly clean the sanded area with clean water to remove dust and debris that could hinder adhesion.
 - **Dampening:**
Just before applying the rushcoat, lightly dampen the concrete with clean water. This helps create a more favorable surface for the rushcoat to adhere to.
- **Bricks:** For brick surfaces, follow the same preparation steps as concrete (sanding, washing, dampening) to ensure a strong and lasting bond with the rushcoat.



STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.



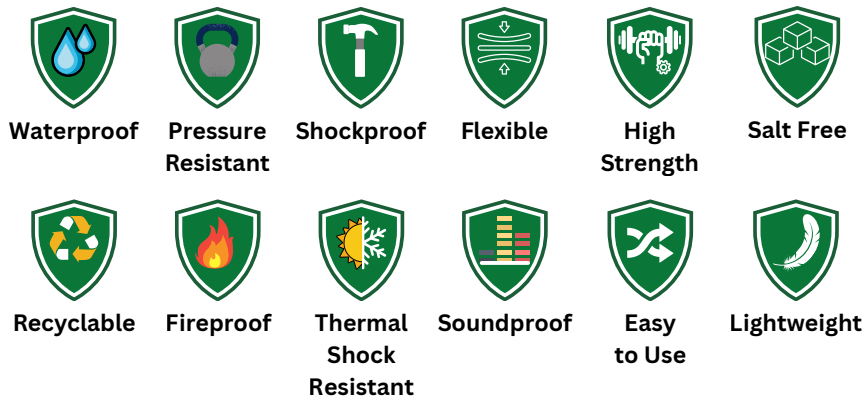
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Technical Characteristic

Physical Parameter	Leca Rushcoat - 1030	Standard
Appearance	Gray	ASTM D1500
Water/Bag ratio [Kg]	7	-
Dry Bulk Density [Kg/m ³]	1100	EN 1015-10
Compressive Strength [N/mm ²]	10 ~ 15	EN 1015-11
Adhesive Strength [N/mm ²]	0.9	EN 1015-11
Water Absorbion [%]	0.22	EN 1015-18
Bending Strength [N/mm ²]	1.3	-
Thermal Conductivity [W/m.k]	0.062	EN 1745
Fire Resistance	A1	EN 13501-1
Bond Strength [N/mm ²] Mpa	≥ 1	EN 1015-12
Sound Absorbion Coefficient (NRC) [%]	79 ~ 86	ISO 11654
Atmospheric Ambient Strength	Resistant	EN 13501-1
Thickness of Layer [mm] recommended	2 ~ 5	-
Application Temperature Range [C°]	+5 ~ +40	-
Dry Time (at appropriate ambient) [h]	48	-
Packaging Weight [Kg]	25	-
Cosumption [1 cm] Thickness [Kg/m ²]	9.5	-
Shelf Time at Appropriate ambient [month]	12	-
Flow Table [mm]	163	ASTM C1437
Particle Size [mm]	0.1 ~ 2	
Mixing Time and Method [min]	Machine (40 ~ 80 RPM) → 3 ~ 5	



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DURABILITY
Expanded clay is durable has long lifetime and requires no maintenance

ADDS STRENGTH
Expanded clay can reduce the weight of concrete by almost 50% without compromising strength

LIGHTWEIGHT
It is 4-5 times lighter than loose gravel or loose fill crushed stone

STRONG
It can be used as loose fill and insulation in road and rail embankments and can sustain dynamic loads from heavy high-speed trains

RECYCLABLE
Expanded clay is 100% recyclable or reusable. There are no problems with disposing of demolition waste and no use of new materials, new resources or new energy

RESISTANT TO FIRE
It is classified as a fully non-combustible material. It has no reaction to fire, does not emit gases or smoke and retains its mechanical resistance and all other thermal and physical characteristics. It is an excellent protection against fire

