

PRESENTATION

DESCRIPTION

AGGRA BEAL is a coating with bonding properties (adhesion bridge) and levelling capability, designed to regularize the flatness of the substrate surface. Compliant with EN 998-1, it is composed of Natural Hydraulic Lime NHL 5 and selected sand.

For interior and exterior application.

AREAS OF APPLICATION

AGGRA BEAL belongs to the range of specific products for listed buildings as well as historical and archaeological monuments.

AGGRA BEAL is recommended for application on low-absorbent substrates: shuttered concrete, dressed stone, or old renders that are sound, compact, and well-adhered to the substrate.

Before application, it is essential to ensure that the surface is clean, free of any loose parts, release oil, and organic residues.

TECHNICAL SPECIFICATION

IDENTIFICATION DATA	
Particle size	< 4 mm
Mixing water	approx. 24%
Compressive strength	2,8 N/mm ²
Adhesion on terracotta	> 0,5 N/mm ²
Water vapor permeability coefficient	< 12
Water absorption	W0
Bulk density of mix	1700 kg/m ³
Loose bulk density	1100 kg/m ³
Fire classification	A1
Standard consumption	4-5 kg/m ² in two coats
Packaging	25 kg bag

APPLICATION

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AGGRA BEAL, when applied manually, must be thoroughly mixed in a concrete mixer or with a low-speed mixer, adding only clean water. Mixing should continue until a smooth, creamy paste is obtained.

AGGRA BEAL can also be applied by mechanical spraying using suitable equipment. Avoid application in summer during very hot weather, in direct sunlight, and in winter when the temperature is below +5 °C.

For 24 to 72 hours after application, protect the product from driving rain and frost. On old cracked or fissured renders, it is advisable to apply two coats with a fiberglass mesh in between.

POINTS OF ATTENTION

Application temperature between +5 °C and +35 °C for both substrate and ambient air.

Strictly follow the application protocols according to the intended use of the product. Never use products other than those specified in this technical data sheet to avoid any risk of incompatibility or failure.

For the same project and product type, always use materials with the same batch number. Make sure to use only original, unopened bags.

Always carry out preliminary tests. In case of doubt, please contact us.

Refer to the legal information at the end of the document

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ADDITIONAL INFORMATION**WARNINGS**

Our products are sensitive to humidity, frost and heat. Always store them in a dry place, away from frost and without contact with the ground, in the closed original packaging. Never leave products in direct sunlight.

Product intended for professional use. Properly protect areas for which the product is not intended. The operator must be equipped according to current safety regulations. No liability is accepted for damage resulting from incorrect use of the product.

ENVIRONMENT

Dispose of in a specialized waste collection center.

SAFETY

The safety data sheet is available on request or at www.bealinternational.com

LEGAL INFORMATION

The technical instructions and in particular the recommendations about how to apply and use the products are provided in good faith and are based on the current knowledge and experience acquired by BEAL about its products when they are properly stored, handled and applied under normal conditions. In practice, variations in the various materials, substrates and specific conditions encountered on site are such that adhering to this information or to any written recommendation or advice given does not deliver any guarantee of marketable quality other than the statutory guarantee against hidden defects. We accept no liability should the customer fail to adhere to our instructions or recommendations when applying a product. None of the data and information provided relating to the use and application of our product releases customers from the requirement to conduct their own checks and tests. All orders are accepted subject to our current general terms and conditions of business. It is essential that users read the most recent version of the instructions for the product in question, which will be sent to them on request.

The manufacturer reserves the right to modify the above information over time while maintaining the product's characteristics.

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