



# BIOPLAST-LIGHT

## Mineral-based restoration render - WTA

- Mineral-based pre-blended mortar
- High volume of entrained air
- Vapour permeable
- High salt storage capacity
- Low consumption per surface area
- Ready for rubbing down at an early stage
- Hand or mechanical application
- **CE**



### TECHNICAL FEATURES:

Mineral-based plaster for restoration, for applications with maximum thickness of 3 cm for every coating.

### AREAS OF APPLICATION:

For producing vapour permeable and dry plasters on to damp and/or salt laden walls in interior and exterior installations.



TECHNICAL  
ASSISTANCE



INSURANCE  
GUARANTEE



TECHNICAL  
MEETINGS



PROFESSIONAL  
USE

### CONTRACT ITEM SPECIFICATIONS:

Supply and application on damp walls and/or containing salts in and outside, resistant to plaster load and permeable to vapor, mineral-based, for renovation, such as BIOPLAST-LIGHT di Benfer.

**METHOD OF USE:****SUBSTRATES PREPARATION:**

The substrate must be load bearing and free from adhesion inhibiting media such as release agents, dust or other coatings. Remove old render/plaster, paint and laitance up to 80 cm away from the damaged area determined visibly or by analysis.

Rake out brittle masonry joints to a depth of 2 cm and clean mechanically. Concrete surfaces must be open-pored. Where the salt content is high, pre-treat with BS-CONVERT. Apply a splatterdash coat of BIOPLAST-SP as a bonding coat (degree of coverage approx. 50%).

**PRODUCT PREPARATION:**

BIOPLAST-LIGHT can be prepared in all usual continuous mixing pumps (e.g. PFT-G4).

Small quantities can be mixed by hand with a drill mixer.

BIOPLAST-LIGHT can be applied at thicknesses in accordance with WTA guidelines as well as in single layers up to 3 cm in one operation. For thicker coats, apply in several layers. In these cases strike off the previous coat with a plasterer's darby and immediately the mortar stiffens, roughen up horizontally and allow to dry. Keep to a waiting time of 1 mm per day.

**ADVICE:**

- Protect areas not to be treated from the effects of BIOPLAST-LIGHT.
- Very damp substrates may cause a lengthening of the waiting time before surfaces can be roughened.
- Protect from strong sunlight.
- Smooth surfaces can be achieved by trowelling with BIOPLAST-FS.
- Observe the WTA information sheet "Restoration plaster systems" when planning and implementing restoration work.

Please observe a current valid EU Health & Safety Data Sheet.

**Measures taken dependent on the degree of salting in accordance with WTA**  
(International association for science and Technology for maintenance of buildings and restoration of monuments).

Degree of salting <sup>1)</sup>	Measures taken (cm)	Thickness (cm)	Notes
Low	1. Splatterdash coat 2. BIOPLAST-LIGHT	$\leq 0,5$ $\geq 2,0$	As a rule the splatterdash dash coat does not completely cover
Medium High	1. Splatterdash coat 2. BIOPLAST-LIGHT 3. BIOPLAST-LIGHT	$\leq 0,5$ 1-2 1-2	Total thickness: Min. 2.5 cm, max. 4 cm roughen up previous coat as necessary
	1. Splatterdash coat 2. BIOPLAST-GP 3. BIOPLAST-LIGHT	$\leq 0,5$ 1-2 1-2	Drying time of individual coats: 1mm/day

<sup>1)</sup> To be determined and calculated by preliminary testing.

**CLEANING:** The cleaning of all the tools must be done when the product is still fresh, with a cloth or a damp sponge.

**CONSUMPTION:** 9,5 kg/m<sup>2</sup>/cm thickness.

**PACKAGING:** 25 kg bags and 1.050 kg pallet.

**STORAGE:** In dry storage, in original closed bags. Use opened bags promptly.

**SHELF LIFE:** 12 months.

#### PRODUCT TECHNICAL DATA

Basis:	Pre-blended dry mortar
Colour:	Grey
Water demand:	Approx. 6 - 6,5 litres per bag
Bulk density:	1-1,1 kg/dm <sup>3</sup>
Substrate/application temp:	From + 5°C to + 25°C
Storage:	Dry, 12 months in the original unopened * at +23°C and 50% relative humidity

**PLEASE NOTE:** The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.