

BIO FORCE ONE - STRUCTURAL MORTAR



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1. DATA AND DOCUMENTATION

Code	Description	Weight	Pkg. / Pallet
BFO01-290	Structural Mortar - Bio Force One	25 kg/pc.	1 cf. / 56 cf.

MATERIAL

Mortar based on NHL5 natural fibred hydraulic lime.
Hydraulic lime makes it ideal for wet applications and compatible for applications in the world of restoration and from the structural consolidation.

2. USE

In the rehabilitation and consolidation of damaged load-bearing walls and for structural upgrading.

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3. TECHNICAL DATA

DESCRIPTION	Fibre-reinforced structural mortar based on lime (identification code BFO01-290) optimised for structural reinforcement. Packaged in 25 kg paper bags.
MATERIAL	Mortar based on NHL5 natural hydraulic lime fibred. Hydraulic lime makes it ideal for wet applications and compatible for applications in the world of restoration and structural consolidation.
USE	Used in renovations, based on hydraulic lime. Used as a binder of the various components of the Prometheus Cycle.

GENERAL PURPOSE MORTAR (G) UNI EN 998:2 2010 FOR INTERIOR AND EXTERIOR USE	
PARTICLE SIZE CURVE:	0 - 1.4 mm
dough pH:	> 12
APPARENT DENSITY OF FRESH MORTAR:	kg/m3 approx. 1,855
APPARENT DENSITY OF DRIED MORTAR:	kg/m3 approx. 1,750
COMPRESSIVE STRENGTH (EN 1015-11):	10 N/mm2
ADHESION (EN 1015-12):	1 N/mm2 FP-B
COEFFICIENT OF PERMEABILITY TO WATER VAPour (EN 1015-19):	μ 20
REACTION TO FIRE (EN 13501-1):	Class A1
MIXING WATER:	5.25 l per bag
RESA:	Approx. 15kg/m2 per 1 cm thickness
PACKAGE:	25 kg bags
PALLET:	56 sacks kg 1,400
CONSERVATION:	6 months in the original packaging in a dry place.
APPLICABLE THICKNESS PER LAYER:	2-3 cm per hand
APPLICATION TEMPERATURE:	from +5°C to +32°C
REACH CLASSIFICATION:	See SS

4. SPECIFICATION ITEM

Entry	Description	Unit	Price
Dak.D.BFO01.290	Supply and installation of Structural mortar based on fibre-reinforced NHL5 natural hydraulic lime (identification code BFO01-290) optimised for structural reinforcement. The hydraulic lime makes it ideal for wet applications and compatible for applications in the world of restoration and structural reinforcement. Packaged in 25 kg bags.	-	-