

EXOLINE® AQUA STOP A+A

Pre-mixed waterproofing and wall-drying plaster | MSZ EN 998-1:2016



TECHNICAL DATA SHEET

Document ID: TDS-EXO-ASAA-002-25KG

MANUFACTURER:

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EU AUTHORISED REPRESENTATIVE:

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BASIC PRODUCT DATA:

Customs tariff code: 32149000

Standard: MSZ EN 998-1:2016

Fire class: A1

Packaging: 25 kg, 500 kg, 1000 kg

Shelf life: 12 months

1. PRODUCT DESCRIPTION

The **Exoline® Aqua Stop A+A** is a factory pre-mixed, hydraulically setting mineral plastering mortar containing a special **Exoline®** hydrophobic additive. The product is a category W2 reduced water absorption plaster conforming to MSZ EN 998-1:2016.

The micro-porous structure of the plaster allows the moisture content of the masonry to evaporate naturally, while the hydrophobic components effectively reduce capillary water absorption. The product is particularly suitable for drying out damp masonry and for the durable protection of cellar walls and plinths against moisture. The **Exoline® Aqua Stop A+A** plaster provides an excellent solution for long-term protection against moisture, salt and mould.

2. PRODUCT IDENTIFICATION

Product name	Exoline® Aqua Stop A+A
Product type	Hydraulically setting waterproofing and wall-drying plaster
Form	Powder dry mortar (one-component)
Customs tariff code (HS)	3214 90 00
Harmonised standard	MSZ EN 998-1:2016 - Plastering mortar (GP/W2)
Fire class	A1 (non-combustible)
CE marking	Yes
EAN	5060421890036

3. TECHNICAL DATA (MSZ EN 998-1:2016)

Physical state	Powder (dry mortar)
Colour	Grey
Components	One-component
Binder	Cement + hydrated lime
Fire class	A1
Capillary water absorption (W_0)	$\leq 0.2 \text{ kg}/(\text{m}^2 \cdot \text{min}^{0.5})$
Water vapour diffusion resistance factor	$\mu > 10$
Air content	$\approx 20 \%$
Compressive strength (CS III)	$> 9.0 \text{ MPa}$
Flexural strength	$> 2.9 \text{ MPa}$
Bond strength	$> 0.55 \text{ MPa}$
Max. layer thickness	30 mm/layer
Consumption	$\approx 14\text{-}16 \text{ kg}/\text{m}^2/\text{cm}$
Processing time	$\approx 2 \text{ hours}$ (at 20°C)
Mixing	Low-speed mixer, max. 600 rpm, 5-6 minutes

Note: The values given are reference values determined by tests in accordance with EN 998-1:2016. Actual values may vary from batch to batch within the limits of the quality-control tolerances.

4. COMPOSITION AND DECLARATION

The **Exoline® Aqua Stop A+A** contains the following components:

- Portland cement (CEM) - binder
- Hydrated lime ($\text{Ca}(\text{OH})_2$) - improves workability and compactness
- Graded quartz sand - filler, particle size 0 - 0.04 mm
- **Exoline®** hydrophobic additive (**ExoBase™**) - reduction of water absorption
- Rheological and property-enhancing additives - workability, adhesion

The product contains no asbestos, mineral fibres, formaldehyde or VOCs. The material is biocompatible and non-radioactive. REACH-compliant composition.

5. FIELD OF APPLICATION AND BENEFITS

SUITABLE SUBSTRATES

- Brick masonry - full compatibility
- Concrete surfaces - interior and exterior use
- Natural stone and mixed masonry
- Adobe-based masonry
- Concrete and block brick masonry

TYPICAL AREAS OF USE

- Durable renovation of damp masonry and masonry with salt efflorescence
- Plastering of cellar walls and basement levels
- Plinth plasters exposed to ground moisture and splash water
- Masonry of bathrooms and wet rooms
- Preventive moisture protection of new buildings

KEY BENEFITS

- Category W2 reduced capillary water absorption
- Vapour-permeable plaster structure - the masonry “breathes” (vapour-permeable)
- Mitigates the formation of salt efflorescence and mould
- Improves the thermal and acoustic properties of the masonry
- Long service life - lasting protective effect
- Can be applied by machine or by hand

6. SURFACE PREPARATION AND PROCESSING

SURFACE PREPARATION

- The substrate must be sound, load-bearing and free from dust, oil and grease
- Loose plaster residues and coatings must be completely removed
- On smooth surfaces, raking out the joints to a depth of 2-3 cm is recommended
- Before plastering, the surface must be thoroughly pre-wetted (but must not be glistening wet)

MIXING AND APPLICATION

- Mixing method: low-speed mixer (max. 600 rpm)
- Mixing time: 5-6 minutes; rest 2-3 minutes, then brief re-mixing
- Application: by hand plastering or with a plastering machine
- Maximum layer thickness: 30 mm/layer
- Processing time: approx. 2 hours at 20 °C (shorter at higher temperatures)
- Smoothing the surface: a wooden float is recommended

AFTER-CARE AND PROTECTION

- At temperatures above +25 °C, keep damp by spraying with water for a few days
- Must be protected from: direct sunlight, draught, frost and driving rain
- Temperature range for fresh plaster: +5 °C ... +30 °C

7. HEALTH, SAFETY AND ENVIRONMENT

Product name	Exoline® Aqua Stop A+A (powder)
CLP classification	Skin Irrit. 2 (H315), Eye Dam. 1 (H318)
Hazard statement	H315: Causes skin irritation H318: Causes serious eye damage
Precautionary statements	P260, P280, P305+P351+P338, P302+P352
VOC content	<1 g/l (in powder form: 0)
REACH compliance	Yes (Regulation (EC) No 1907/2006)
SDS availability	exoline@exoline.co.uk / manufacturer's safety data sheet

The **Exoline® Aqua Stop A+A** contains cement. On contact with water, cement forms an alkaline solution (pH > 12) which may cause skin and eye irritation. Classification under the EU CLP Regulation (EC) No 1272/2008:

Mandatory personal protective equipment (PPE)

- Protective gloves - nitrile or neoprene gloves to EN ISO 374
- Safety goggles - closed safety goggles to EN 166
- Dust mask - FFP2 category (EN 149 standard)
- Protective clothing - long-sleeved, dust- and liquid-resistant workwear

Environmental requirements

- The hardened material is neutral, non-hazardous waste - it can be handled as normal construction rubble
- Liquid residues must not be discharged into drains or surface waters
- Waste management: EWC 17 01 01 (concrete) - in accordance with local regulations

8. STORAGE, TRANSPORT AND PACKAGING

Pack sizes	25 kg bucket or bag 500 kg big bag 1000 kg big bag
Storage conditions	In a dry place protected from the weather, between 5-35 °C
Shelf life	12 months in unopened packaging
Transport classification	Not dangerous goods (for ADR/RID purposes)
Tool cleaning	With water before setting; after setting only mechanically

9. EU CONFORMITY AND APPLICABLE STANDARDS

Basis of CE marking	Regulation (EU) No 305/2011 Construction Products Regulation (CPR)
Harmonised standard	MSZ EN 998-1:2016 - Plastering mortar (GP/W2 - reduced water absorption plaster)
Declaration of Performance (DoP)	EXO-ASAA-002-25KG Issued by: Exoline Ltd.
REACH	Compliance with Regulation (EC) No 1907/2006 ensured
CLP	Regulation (EC) No 1272/2008 - classification, packaging, labelling
Biocide (BPR)	Not relevant - the product contains no biocidal active substance
RoHS	Not relevant - not an electrical/electronic product

10. LEGAL NOTICE AND LIABILITY

This Technical Data Sheet is based on the current technical knowledge and experience of Exoline Ltd. The data derive from tests carried out under laboratory conditions. Actual performance may depend on the application conditions, the substrate and the quality of preparation.

Exoline Ltd. accepts no liability for damage arising from improper application or application not carried out in accordance with the instructions. Correct application, compliance with the instructions and conformity with local building regulations are the responsibility of the user.

This Technical Data Sheet may be copied and attached to other project documents; however, the document so created may not modify or replace the requirements of the Technical Data Sheet valid at the time of use of the **Exoline®** product.

The manufacturer reserves the right to modify the technical data, the composition and the product specifications without prior notice. Always use the current, valid data sheet

The latest version is available on the www.exoline.co.uk website.

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