



# Waterproof mortar two-component ATLAS Woder Duo A 24kg + B 8kg



Brand	ATLAS
Manufacturer	
Weight	32.00 kg
Product Code	WODER DUO-KA-24
EAN	5905400018615
SKU	5772
Advice IBB	
Application	for swimming pools, balconies, terraces, bathrooms
IBB ID	5772

## Product specification

Manufacturer	ATLAS	Unit	set
Brand	atlas	EAN	5905400018615
Coverage	1.75 kg/m2/1 mm layer thickness	Relative air humidity during application and curing	< 80%
Density of the finished product	ca 1.9 g/cm3	pH	8

## ATLAS WODER DUO two-component waterproofing

### Most important features:

waterproofing beneath ceramic tiles  
fibres reinforced, bridges the cracks  
for swimming pools, balconies, terraces, bathrooms  
for insulation of foundations and basements from the in- side

### Product description:

ATLAS WODER DUO is designed for application of elastic damp and waterproofing in wet rooms, on terraces, balconies, underground building elements (foundations, cellar walls, etc.), plinth zones, various tanks.

- It enables flexible protection of corners and expansion joints - along with ATLAS TAPE and SEALING CORNERS or ATLAS HYDROBAND 3G tape and corners, protects the edges of wall and floor connections and expansion joints.
- Seals surfaces around walls and floors, around water and sewage pipe penetrations - together with FLOOR RINGS OR WALL RINGS embedded in it.

### Packaging:

Set 32 kg

- component A - paper bag 24 kg,
- component B – plastic drum 8 kg.

**Main properties:**

ATLAS WODER DUO is a two-component material obtained by mixing component A (cement-based dry mix, fillers and modifiers) and component B (white emulsion containing synthetic resins and modifiers) in 3:1 weight ratio.

Watertightness – minimum 0.7 MPa (equivalent of pressure of 70 m water column) for coating 2.5 mm thick. Ensures complete substrate protection against water under pressure.

Resistant to negative water pressure (when pressure acts from side opposite to coating) – min. 0.5 MPa.

Great bonding to substrate – min. 1.03 MPa to concrete (standard requires 0.5 MPa), min. 0.7 MPa for ceramic brick.

Quick setting – application of subsequent coat possible after 3 hours, application of ceramic cladding just after 12 hours.

High water vapour permeability – water vapour diffusion coefficient  $\mu \leq 1,700$  which enables use on damp substrates.

Chemical resistance – set mortar is resistant to communal sewage, liquid manure, aggressive groundwater – environmental exposure class XA2.

High elasticity – owing to great content of polymers, specially selected fine aggregate fillers and additional structural reinforcement with microfibers, the mortar fills and secures cracks up to 1 mm wide.

High mechanical resistance – owing to use of reinforcing fibers and specially selected polymer resins the mortar offers improved resistance to mechanical damage and impacts. Coating is resistant to temporary direct foot traffic loads.

Frost – resistance – coating watertightness does not deteriorate during frost.

Protection of ferroconcrete surface – 2 mm thick coating gives effective protection of concrete surface against carbonatization and

further corrosion of reinforcing steel. The value of Sd coefficient determined for carbon dioxide is not lower than 70 m.

Recommended for old, damp buildings – water vapour permeability combined with watertightness makes the mortar an excellent solution for waterproofing of partitions in heritage buildings.

Resistant to UV radiation and weathering.

Holds Hygienic Attest for contact with drinking water – allows for safe waterproofing of reservoirs with drinking water.

Low emission of VOC – safe for users, does not emit harmful substances.

**Main parameters:**

Max. single coat thickness: 2 mm

Total thickness of sealing coat: 1,5-3 mm

Open time: min. 30 minutes

Second coat application: after approx. 3 h

Fixing the tiles: after approx. 12 h