



ATLAS SHOWER WATERPROOFING KIT WET ZONE SYSTEM



Why waterproofing is essential?

Tiles and grout do not form a fully watertight barrier. Moisture can penetrate through joints, connections and service penetrations into the substrate.

Lack of proper waterproofing may lead to:

- damp walls and floors,
- mould and fungal growth,
- deterioration of the substrate,
- tile debonding and damage,
- costly repairs and claims.

Where to use?

Waterproofing of internal wall and floor surfaces not exposed to rising damp or permanent water immersion.

A flexible waterproofing layer applied prior to the installation of ceramic tiles and natural stone.

The system can be used on:

- plasterboard and moisture-resistant boards,
- gypsum and cement plasters,
- concrete and mineral substrates,
- tile backer boards,
- existing ceramic finishes (after proper preparation).

The system is designed for use in:

- bathrooms,
- shower enclosures,
- kitchens,
- other wet rooms.

INDUSTRY STANDARD (UK/2018)



Industry standard (UK / 2018)

In the UK, waterproofing in wet areas is considered a **best practice requirement**, in accordance with industry guidance (including BS 5385).

Waterproofing:

- is recommended in shower enclosures and wet areas,
- forms an integral part of tiling systems,
- ensures durability and long-term performance.

While **British Standards** have long required waterproofing in commercial wet areas, the updated BS 5385-1:2018 (clause 6.1.1.3 on “tanking”) now also recommends it for domestic settings. This means that when retiling bathrooms, showers, or any areas exposed to moisture, it is important to install proper waterproofing.



Advantages

- Complete waterproofing tanking kit for use under tiles.
- Quick application, thanks to **fast drying liquid foil ATLAS WODER E**.
- Ready-to-use liquid membrane.
- High flexibility and crack-bridging performance.
- Excellent adhesion to mineral substrates.
- Compatible with cement-based adhesives (C2 class).
- Easy application reduces the risk of installation errors.

System components



Primers

ATLAS UNI-GRUNT

ATLAS ULTRAGRUNT *

* in tile-on-tile installation

Waterproofing membrane

ATLAS WODER E

dispersion waterproofing membrane (DM)
compliant with EN 14891:2017 + A1:2018

Sealing system

ATLAS HYDROBAND 3G – sealing tape

Internal and external corners

Sealing collars

COMPLEMENTARY PRODUCTS

Tile adhesives

ATLAS ULTRA GEOFLEX (C2S1)

ATLAS GEOFLEX (C2TE)

COMPLEMENTARY PRODUCT

Grout

ATLAS ELASTIC GROUT

Application

Substrate preparation

Detailed indications of substrate preparation, depending on the type of substrate, are shown in the table at the end of the Technical Data Sheet.

The substrate should be:

Stable - sufficiently load-bearing, resistant to deformation, free from substances reducing adhesion and seasoned. Any cracks and cavities in the cement substrate should be mechanically widened and filled with cement mortar, e.g. ATLAS ZW 330. Dusty substrates as well as those made of gypsum materials should be sanded and dedusted.

Even - for levelling the substrate in case of larger irregularities, e.g. ATLAS ZW 330 levelling mortar, ATLAS SMS, MMS, SAM or POSTAR screeds can be used.

Cleaned - from layers that may impair adhesion of the waterproofing coat, in particular from dust, dirt, lime, oil, grease, wax, salt efflorescence, oil and emulsion paint residues; substrates covered with algae, fungi, etc., should be cleaned and protected with ATLAS MYKOS PLUS.

Dry - the surface should be completely dry.

Seasoned - freshly made surfaces can be sealed after they have been properly seasoned.

Primed with one of the products - ATLAS UNI-GRUNT, ATLAS GRUNT NKP, ATLAS UNI-GRUNT ULTRA.

Preparation of the mass

FAST DRYING LIQUID FOIL WODER E from ATLAS is produced as a ready-to-use, homogeneous paste. It must not be combined with other materials, diluted or thickened. Once the bucket has been opened, its contents must be stirred to even out the consistency (a slow speed mixer is recommended).



Manual application

The waterproofing coat should be applied in at least two layers. The first is applied with a brush, starting at the places where additional corner tapes or sealing rings will be used. These accessories should be sunk into the freshly applied compound. The second coat can be applied after the first one is completely dry (after about 1 hour).

Subsequent coats can be applied with a brush or steel float.



Machine application

Machine application can be carried out using a Graco Mark VII type unit. The compound should be stirred before use.

Technical data:

- nozzle: rac X 533,
- working pressure: 230 bar.

Spraying results in a coating of thickness:

- 1.5 mm - when spraying two coats,
- 2 mm - when spraying three coats.

Finishing work

Ceramic or stone cladding, plaster, etc. should be laid on top of the bonded sealing layer. If finishing work is not carried out immediately after the coating has set, the sealed surfaces should be protected from water exposure for about 3 days.