

ACQUASHIELD-2KF Brochure

Flexibility in waterproofing...

ACQUASHIELD-2KF protects and waterproof.

Ideal for sealing and coating a wide variety of projects.

ACQUASHIELD-2KF is flexible.

Not only in its physical properties, but also in terms of application and methods of application

ACQUASHIELD-2KF is resistant.

It is a two-component product resistant to water, moisture and abrasion, and composed of a cementitious powder and solvent free liquid.

ACQUASHIELD-2KF is ideal for every situation.

It has superior adhesion to many substrates, including concrete, brick, masonry and some natural stones.

ACQUASHIELD-2KF is top.

It is a leader in its class. Major value of elongation of 100%, and bridging cracking capacity up to 2,6 mm making it the perfect solution for waterproofing substrates prone to movement and cracking.



Unmatched flexibility for superior crack bridging capabilities

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Typical Applications

ACQUASHIELD-2KF is applied on new and old substrates

to provide a protective, waterproof coating. It is a stand alone product that can be left as a finished surface or easily coated with mortars, stuccos and coatings etc.

Waterproofing with ACQUASHIELD-2KF:

- **Swimming pools (tiled and untiled)**
- **Balconies, parapet walls, planter boxes**
- **Marine and zoo aquarium tanks**
- **Mechanical rooms**
- **Underneath tile mortars in kitchens, bathrooms, etc.**
- **Balconies, parapet walls, planter boxes**
- **Plaza decks and patios**
- **Water and waste water treatment tanks**
- **Above and below grade, interior or exterior**

Advantages:

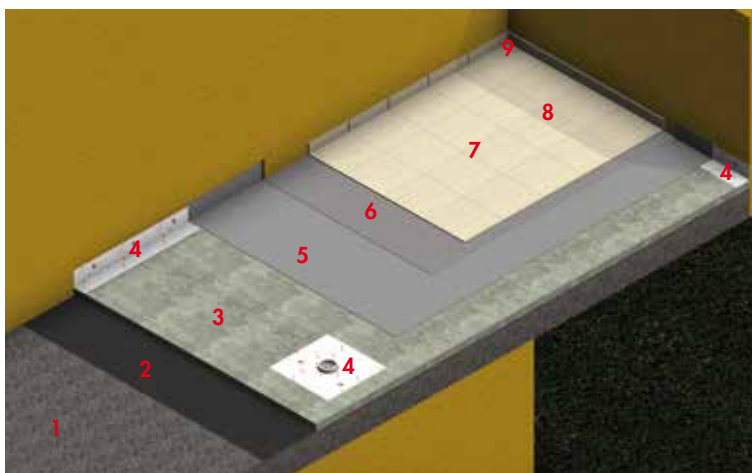
- Ecological, solvent free
- Applied to dry moist or damp substrates
- Permanently flexible coating, elongation superior to 100%
- Crack bridging up to 2,60 mm
- Resists strong hydrostatic pressure (tested up to 14 bar water head, positive side)
- Withstands pedestrian and light traffic; resists mechanical wear, abrasion and de-icing salts
- Potable water approved



ACQUASHIELD-2KF

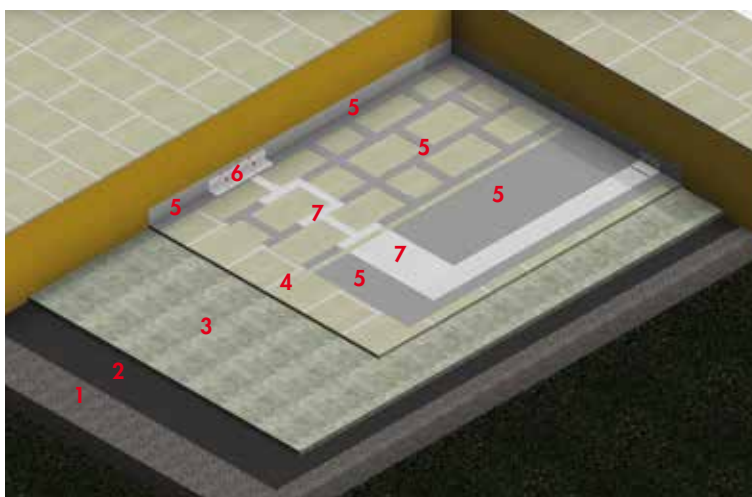
ACQUASHIELD-2KF Brochure

1. Floor
2. Waterproofing layer
3. **SOLIDONE PRONTO** Cement based screed high resistance mixture of special cements and no shrinkage
4. **BSWTAPE** or **BSWTAPE ADHESIVE JOINT TAPE** universal joint tape
5. **ACQUASHIELD-2KF** Flexible elastomeric, 2-comp.polymer modified coating. Waterproof.
6. **BENFERFLEX+S1** (or other BENFER flexible adhesive) Flexible adhesive consisting of cement
7. Tiles
8. **DEKOGROUT 2/12** Cement based grout
9. **DEKOSIL** Silicone joint sealant



NEWLY BUILT TERRACES

1. Floor
2. Old waterproofing bituminous layer
3. Existing cement base
4. Existing surface (like Lecce stone)
5. **ACQUASHIELD-2KF** Flexible elastomeric, 2-comp.polymer modified coating. Waterproof.
6. **BSWTAPE** or **BSWTAPE ADHESIVE JOINT TAPE** universal joint tape
7. **ACQUASHIELD-RSHEET** Polypropylene felt pad
Possibility to cover with tiles or stone on **ACQUASHIELD-2KF**



RESTORATION OF EXISTING TERRACE



BSWTAPE

Sealing tape of composite material, waterproof, tear-proof, used to repair and waterproof the joints



ACQUASHIELD-RSHEET

Polypropylene felt pad. Incorporated with ACQUASHIELD-2KF in:

- Substrates with high risk of cracking;
- balconies, terraces and traffic-congested areas.



BSWTAPE CORNERS AND BSWTAPE TAPE

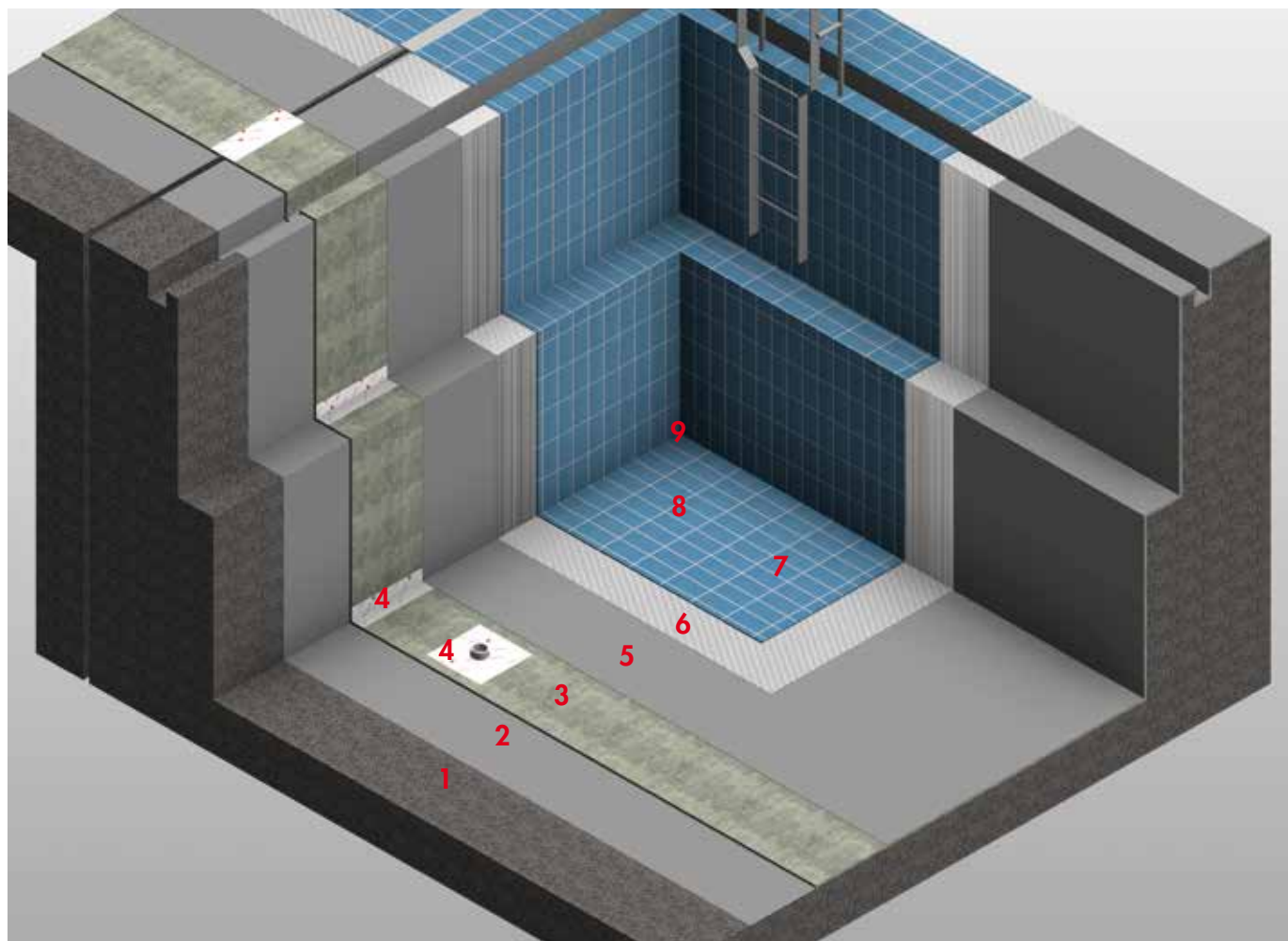
Special joint tape for highly demanding situations, suitable to waterproof structural movement joints in swimming pools, car parks, in areas in direct ground contacts



ACQUASHIELD-1K

Apply as first coat under ACQUASHIELD-2KF for waterproofing application schedule against negative hydrostatic pressure

ACQUASHIELD-2KF Brochure



SWIMMING POOL

- | | |
|--|--|
| 1. Storage capacity, mixture of reinforced concrete | 5. ACQUASHIELD-2KF
Flexible elastomeric, 2-comp.polymer modified coating. Waterproof. |
| 2. ACQUASHIELD-1K
Waterproofing mortar | 6. BENFERFLEX+S1 Flexible adhesive consisting of cement |
| 3. TRIOTECH-50
Anti-sag smoothing compound, for levelling floors and walls. Low shrinkage | 7. Tiles |
| 4. BSWTAPE adhesive joint tape
Special joint tape for highly demanding situation | 8. DEKOGROUT-2K Two part product with epoxy resin base |
| | 9. DEKOSIL-UW silicone for underwater use |

Flexible Cementitious Waterproofing