


**2-component flexible waterproofing for any wet areas and swimming pools in high-rise buildings**


# weberdry top

- To waterproof before tilling in any wet areas subjected to movement
- Resist to water pressure up to 30m depth
- High flexible, resist to micro cracking
- Easy to use by rendering trowel
- Resist to hard water and chlorinated water
- Non-toxic
- Low VOCs

**weberdry top** is two-component flexible waterproofing product to waterproof before tiling in swimming pools, water tanks, terraces, balconies, bathrooms and any wet areas where subjected to structural movement

- **PACKAGING:** 4.5 kg and 23 kg bucket
- **COLOR:** grey powder + milky white liquid
- **COVERAGE:** average 2.25 $m^2$/4.5 kg bucket
  average 11.5 $m^2$/23 kg bucket
- **APPLICATION**

**Substrate preparation**

1. Substrate should be sound, level, clean without any oil and dirt
2. Make good any unsound areas before the application of **weberdry top**
3. For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before the application
4. Dampen the surface with clean water until reaching its saturated point before applying **weberdry top**

**Mixing**

1. Shake well before put the liquid part in mixing bucket
2. Gradually add powder part with the ratio of 1 : 2.5 (liquid : powder)
3. Mix by using slow speed (500 rpm) electric mixer until obtain homogeneous lump-free paste
4. Leave for 3 – 4 minutes for chemical curing

**Waterproofing**

- Place **webertape BE 14** reinforcing tape along the angels or joints by using **weberdry top** as the adhesive, ensure of no bubbles underneath.
- There are 2 possibilities to apply **weberdry top**;

(1) Use rendering trowel to apply 1st layer of weberdry top on the substrate. Then apply 2nd layer fresh-on-fresh until reaching at least 2 mm. thickness.

OR

(2) Apply **weberdry top** by brush for 1st layer, average consumpsion is 1-2 kg./$mm^2$ , waiting til dry about 6-12 hours (depend on temperature and air humidity). Apply 2nd layer by cross section with 1st layer, average consumpsion is 1-2 kg./$mm^2$, total thickness should be around 2-3 mm. (if final thickness less than 2 mm., should be used trowel to apply again then release the bubble from waterproofing layer by brush.)

- **SHELF LIFE AND STORAGE**

18 months after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions
if remained in opened bucket

**TECHNICAL DATA**

| Type | Flexible waterproof |
|---|---|
| Appearance<br>- Part A<br>- Part B | Two components<br>- Grey powder<br>- Milky-like liquid |
| Powder density (Part A) | 1.26 g/$cm^3$ |
| Specific gravity (Part B) | 1.02 |
| Crack bridging | > 0.8 mm (in dry condition)<br>> 0.7 mm<br>(after contact with water) |
| Crack covering ability | 2.5 mm |
| Bond to concrete | 0.82 N/$mm^2$ |

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

**CERTIFIED STANDARD**

| International/European standard | Standard | Result |
|---|---|---|
| Waterproofing property<br>JIS A 1404 | no leakage :<br>3 bars @ 2 mm<br>thickness, 28 days | Pass |
| Initial tensile adhesion strength<br>EN 14891 – A.6.2:2007 | > 0.5 N/$mm^2$ | 0.78 N/$mm^2$ |
| Tensile adhesion strength after water immersion<br>EN 14891 – A6.3:2014 | > 0.5 N/$mm^2$ | 0.88 N/$mm^2$ |
| Tensile adhesion strength after heat aging<br>EN 14891 – A.6.5:2007 | > 0.5 N/$mm^2$ | 2.48 N/$mm^2$ |
| Tensile adhesion strength after contact with lime water<br>EN 14891 – A.6.9:2007 | > 0.5 N/$mm^2$ | 0.88 N/$mm^2$ |
| Tensile Strength<br>ASTM D412 | > 0.3 N/$mm^2$ | 0.58 N/$mm^2$ |
| Elongation at break<br>ASTM D412 | > 10% | 58% |