





| | | WATERPROOFING MORTAR | | | |
|----------------------------------|--|--|--|---|--|
| Product | |  SikaTop® Seal-107 (MY) |  Sikalastic®-1 KMY |  Sika® Brushcoat-WP |  SikaTop® Seal-109 MY |
| Description | | Cementitious waterproofing slurry and protective coating | Fibre reinforced, flexible cementitious waterproofing coating | Cementitious waterproofing slurry | Polymer-modified, flexible, cementitious waterproofing coating |
| Component | One | | ■ | | |
| | Two | ■ | | ■ | ■ |
| Application Areas | Bathroom | ■ | ■ | ■ | ■ |
| | Wet Kitchen | ■ | ■ | ■ | ■ |
| | Balcony | | ■ | | ■ |
| | Drinking Water Tank | ■ | ■ | | |
| | Yard | | ■ | | ■ |
| | Aircond ledge | | ■ | | ■ |
| | Fish ponds | ■ | ■ | | |
| | Planter boxes | | ■ | | ■ |
| | Swimming Pool | | ■ | | |
| Substrate | Concrete | ■ | ■ | ■ | ■ |
| | Cementitious rendering | ■ | ■ | ■ | ■ |
| | Brickwork | ■ | ■ | ■ | ■ |
| | Precast wall | | ■ | | |
| | Dry wall system | | ■ | | |
| | light weight block | | ■ | | |
| | Acotek panel substrate | | ■ | | |
| Characteristic | Rigid | ■ | | ■ | |
| | Flexible | | ■ | | ■ |
| Advantages | Pre-batched components - mixes and applies easily | | | | |
| | Good adhesion to sound, prepared substrates | Very good adhesion to most common substrate (concrete, cementitious mortar, stone, bricks, ceramic, and timber) | | Good adhesion to sound substrates | |
| | Non toxic - suitable for contact with drinking water | | | Non-toxic, same as cement | |
| | Slurry or trowellable consistency | | | | |
| | - | Flexible crack bridging properties | | - | Flexible crack bridging properties |
| | Protects against concrete carbonation and water penetration | | | - | - |
| | Non corrosive to steel or iron | | | - | - |
| - | Good sag resistance and easy apply on vertical surfaces | | - | - | |
| Consumption | ■ 1.0 kg/m ² per coat, minimum 2 coats Notes: SikaTop® Seal-107 (MY) must be applied in minimum of 2 coats, including upturns up to 300 mm height | ■ ~1.0 kg/m ² /mm, , minimum 2 coats ■ Critical areas such as swimming pools, ponds: 3.0 kg/m ² | ■ 1.0 kg/m ² per coat, minimum 2 coats Notes: Sika® Brushcoat-WP must be applied in minimum of 2 coats, including upturns up to 300 mm height | ■ 1.0 kg/m ² per coat, minimum 2 coats Notes: SikaTop® Seal-109 must be applied in minimum of 2 coats, including upturns up to 300 mm height | |
| Mixing Ratio | Full mixed | ■ Application by roller: ~7.0 L water per 20 kg bag /~2.1 L water per 6 kg bag ■ Application by brush: ~6.0 L water per 20 kg bag /~1.8 L water per 6 kg bag ■ Application by trowel: ~4.4 L water per 20 kg bag / ~1.3 L water per 6 kg bag | Full mixed | | |
| Tensile Adhesion Strength | 0.7 N/mm ² EN 1542 | On concrete, 28 days Dry substrate ~1.3-1.5 N/mm ² | 0.5 N/mm ² (on concrete) | ~0.8 N/mm ² | |
| Elongation at Break | - | > 23 % (ASTM D412) | - | > 100 % | |
| Application Tools | Brush, roller or trowel | | | | |
| Approval / Standard | ■ Approved for contact with potable water: - SPAN: - MS1583:Part 1:2003 - SIRIM: MS 1583:Part 1:2003, SS 375 : Part 1 : 2001, BS6920-1:2014 ■ Singapore Green Label | ■ Singapore Green Label ■ SPAN Approval: SPAN/PPI/1683-2016 (Potable Water) ■ Compliance with EN EN 14891 | Singapore Green Label | | |
| Packaging | Part A: 5 kg pail Part B: 20 kg bag Part A+B: 25 kg set | 2 pack x 6 kg in pail 20 kg bag | Part A: 4.5 kg container Part B: 18 kg bag Parts A + B: 22.5 kg set | Part A: 10 kg Part B: 26 kg Part A + B: 36 kg set | |