

HydroKey

Acrylic waterproofing and keying compound

Date: February 2017/1

<p>Product code: LUP050</p> <p>Colour: Transparent Base</p> <hr/> <p>Shelf life: 12 Months Packaging: 1ℓ, 5ℓ, 20ℓ Storage conditions: Store in a cool/dry place Stirring method: Stir with a flat paddle</p> <hr/> <p>Flashpoint: Flammable</p> <p>Viscosity: 60 - 70 KU (at 23°C) Specific weight: 0.95 - 1.05 Solids per volume: 30 - 35 % (Approx.) Solids per mass: 35 - 40 % (Approx.) Spreading rate: 0.5 - 10m²/1ℓ/coat Depending on application</p> <hr/> <p>Recommended coats: 1</p> <hr/> <p>Drying time: Touch Dry: 30min @ 23°C Dry to handle: 2h @ 23°C</p> <p>Overcoating: Slurry Minimum 2 hours @ 23°C Plaster Mix Minimum 1 week per 5mm @ 23°C</p> <hr/> <p>Application: Brush, roller and airless spray</p> <p>Cleaning: Water</p>	<p>GENERAL PREPARATIONS</p> <ul style="list-style-type: none"> ◦ All surfaces must be clean, sound and dry. ◦ Remove all loose flakes and apply PlasterSeal / PlasterPrime / WallPrime or BondAll, to obtain a stable surface. ◦ Smooth out imperfections with Skim and repair cracks with Fill. To stabilize chalky surfaces, apply PlasterSeal / PlasterPrime / WallPrime or BondAll, ◦ Previously painted sound surfaces can be washed with sugar soap and rinse thoroughly with clean water. ◦ To ease application, sand previously painted stable surfaces. ◦ For water damaged, porous and alkaline surfaces, apply WallPrime / PlasterPrime / BondAll or DampCure /, to stabilize surface. ◦ Remove rust from mild steel and galvanize substates. Apply HydroEtch /AllPrime, to stabilize surface. If rust cannot be removed completely, spot prime with a rust converter before applying HydroEtch /AllPrime. <p>FEATURES</p> <p>HydroKey is a premium quality acrylic waterproofing, bonding and keying compound used in conjunction with cementitious mixtures. Key features includes improve adhesion, drying, hardening and waterproofing of cementitious products. Can also be used in tile grout for bathrooms or kitchens. Ideally suited where non toxic waterproofing is required i.e. fishponds, water storage etc. Suggested mixture ratio to achieve a homogenous slurry paste: 5L HydroKey + 7.5Kg sieved plaster sand + 2.5Kg Portland cement</p>
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PRECAUTIONS

- Avoid painting in moist / humid conditions. To allow applied paint to cure, there should be no rain forecast for at least 7 days.
- Do not paint over surfaces with moisture content above 15%. Ideal level 5% or less
- Stir paint well with a flat paddle.
- Ideal application conditions and surface temperature should be between 10°C - 35°C with a relative humidity of less than 75%. It is not recommended to paint in direct sunlight as this will result in the paint drying too fast leading to visible "lap-marks". Windy conditions might have a similar effect and can cause a deposit of dust particles on the wet paint.
- To ensure colour- and sheen level consistency, purchase from the same production batch of paint.
- Tint bases contain fewer litres than advertised.
- Spreading rates are theoretical and based on smooth / flat surfaces.
- Do not wash or abrade newly painted surfaces until properly cured.
- Allow 7 days for paint to dry properly and 30 days to reach full strength.
- Store paint in a cool, dry place.

HEALTH & SAFETY

- Keep out of children's reach.
- Do not eat, drink or smoke during any application.
- Ensure appropriate ventilation during application and drying.
- May be harmful if swallowed.
- Wear protective equipment during preparation, application and cleaning.
- Avoid contact with eyes.
- In case of contact, seek medical advice.
- Avoid contact with skin. In case of contact, wash thoroughly with appropriate solvent.
- If skin irritation occurs, seek medical advice.

Disclaimer:

- * Specifications and recommendations are given in good faith and are meant to be used as a guideline.
- * All information is based on results obtained from our tests done and experience gained over time.
- * Application method and - equipment, condition of substrate and - during application, will have an influence on results. This is beyond the manufacturer's control.
- * As technology may change over time, please ensure the use of the latest Technical Data Sheet.
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