

RessiLurry 5PCT

Standard Single Component Cementitious
Waterproofing Slurry

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adding life and value to your property

RessiLurry 5PCT is a standard single-component, polymer-modified cementitious waterproofing slurry designed to provide effective protection against water penetration on concrete and cementitious substrates.

The product requires only the addition of clean water at site and forms a dense, well-adhered waterproofing layer. It is suitable for general waterproofing applications where moderate hydrostatic water pressure resistance and improved flexibility are required.

ADVANTAGES

- ✓ Standard-grade single-component waterproofing system
- ✓ Requires only clean water for mixing
- ✓ Water pressure resistance **15 PSI (±5%)**.
- ✓ Equivalent water head up to approximately **34.6 ft (10 m)**
- ✓ Good adhesion to concrete and cementitious substrates
- ✓ Improved flexibility and crack-bridging capability
- ✓ Suitable for positive and negative-side waterproofing
- ✓ Easy application by brush, roller or trowel
- ✓ Suitable for damp and moisture-prone substrates
- ✓ No separate liquid component required
- ✓ Suitable for general construction and repair applications

RECOMMENDED APPLICATION AREAS

- ✓ Bathrooms and wet areas
- ✓ Concrete roofs and slabs
- ✓ Foundations and concrete walls
- ✓ Basements with moderate water exposure
- ✓ Retaining walls
- ✓ Water channels
- ✓ Concrete repair and protection
- ✓ Damp and moisture-prone concrete surfaces
- ✓ General positive and negative-side waterproofing

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TYPICAL PROPERTIES AT 25°C

Product Type	Single Component
Appearance	Powder
Color	Grey
Mixing Water	30% $\pm$ 5% by weight of powder
Consistency	Brush able / Trowel able Slurry
Working Time	30–60 minutes
Setting time	Approx. 5–7 hours
Water Pressure Resistance	15 PSI ($\pm$ 5%)
Equivalent Water Head	Approx. 34.6 ft (10 m)
Elongation	$\geq$ 50%
Crack Bridging	$\geq$ 0.5 mm

*Typical results under laboratory conditions. Actual performance may vary depending upon substrate condition, application thickness, workmanship, curing conditions and site environment.

SURFACE PREPARATION

The substrate must be structurally sound, clean and free from dust, laitance, oil, grease, loose particles, curing compounds and other contaminants.

Repair cracks, honeycombs, voids and damaged areas before application. Sharp edges should be rounded where required. The substrate should be dampened with clean water before application, but standing water should be removed.

MIXING

- ✓ Use clean water in the recommended ratio of 30% $\pm$ 5% by weight of powder.
- ✓ Add the powder gradually into the measured water while continuously mixing.
- ✓ Mix using a low-speed mechanical mixer until a smooth, lump-free and homogeneous slurry is obtained.
- ✓ Allow the mixture to stand for approximately 2–3 minutes and remix before application.
- ✓ Do not add additional water after the material has started to set.
- ✓ Prepare only the quantity that can be applied within the working time.

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APPLICATION

Apply **RessiLurry 5PCT** evenly onto the prepared substrate using a stiff brush, roller or suitable trowel. For waterproofing applications, apply two or more coats as required. Allow the first coat to become sufficiently firm before applying the subsequent coat. Apply the second coat preferably perpendicular to the first coat to ensure uniform coverage.

For areas exposed to higher water pressure or critical waterproofing conditions, a higher-performance waterproofing grade should be considered based on site requirements.

CURING

Protect freshly applied material from direct sunlight, strong wind, rain and rapid drying. Allow adequate curing between coats and before exposure to water.

For immersion or permanent water-contact applications, allow the coating to cure sufficiently before filling or putting the structure into service.

PACK SIZE

RessiLurry 5PCT Available in 20 KG Bag.

COVERAGE

Approx. 7-10 SFT/kg, depending on substrate condition, surface profile, application method and required thickness.

SHELF LIFE

12 months from date of manufacture when stored under warehouse conditions in original un-opened packing. Extreme temperature / humidity may reduce shelf life.

STORAGE

Store in a cool, dry and shaded area away from moisture and direct sunlight. Keep bags tightly sealed and protected from humidity. Do not stack directly on wet floors.

HEALTH & SAFETY

Avoid prolonged contact with skin and eyes. Wear suitable gloves, protective clothing and eye protection during handling and application. Avoid breathing dust during mixing. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention if irritation persists.