

JURCEM ACRYCOAT APCC is a two pack high performance acrylic polymer modified cementitious coating system consisting of Portland Cement, graded silica sand, hydraulic binders and additives to enhance hydrophobic, workability and adhesion properties.

It is recommended as an abrasion, skid and water resistant coating for all-purpose trafficable usages and is suitable for internal and external applications.

TYPICAL PROPERTIES

Colour	Grey and various colours. For colours, please check with JCL representative for details.
Binder Phase	Portland Cement and Polymer
Filler Materials	Graded Silica Sand
Density (wet)	Approx. 1,850 kg/m ³
Flexural Strength (ASTM C348:1995)	≥ 8 N/mm ² @ 28days
Tensile Strength (ASTM C190:1985)	≥ 5 N/mm ² @ 28days
Compressive Strength (ASTM C109:1992)	Approx. 35 N/mm ² @ 28days
Shear Bond (ASTM C482:1981)	≥ 2 N/mm ²
Water Penetration (DIN 1041 Part5:1991)	≤ 5 mm
Taber Abrasion Resistance (ASTM D4060:1995)	≤ 1.5 g
Skid Resistance (ASTM E303:1993)	≥ 55 BPN
Setting Time (BS 4550 Part3:1987)	Final < 10 hours
Pot Life	Approx. 1 hour after mixing
Mix Quantity (per set)	5 litres of Part B per 25 kg of Part A
Coverage	Approx. 5.4m ² per set at 3mm thickness
Coat thickness	3 to 10 mm per coat

AREAS OF APPLICATION

1. Interior and exterior applications to dry and wet areas for new and upgrading projects
2. As a screed over to concrete roof gutters
3. Repair and re-surfacing of damaged concrete staircases
4. As water, skid and wear resistance coating to suit opened, enclosed and basement car-park applications. It is effective as an 'anti-screech' coat to multi-storey car parks' driveways and ramps, especially to descending and ascending turn areas
5. Coating to internal and external walkways for new and upgrading projects
6. Protective screed for industrial floors in high wearing areas according to architects' specifications

7. Coating to dry or wet area vertical surrounds (walls) as a secondary waterproofing medium or for architectural aesthetic purposes
8. As a repair patch over exposed concrete floor, slab and tile surfaces

APPLICATION METHOD

Surface Preparation

The substrate must be clean and free from grease, dust, paint, curing compounds, and loose contaminants etc.

Pressured washing is highly recommended for this task. All concrete substances must be structurally sound, all shrinkage cracks and structure cracks must be routed out and repaired with appropriate repair compounds.

Mixing

Pour 5 litres of JURCEM ACRYCOAT APCC Part B (liquid) into a pail of appropriate size and slowly add 25 kg of Part A (dry mix), stirring gently with a low speed drill until a homogeneous lump-free mixture is obtained. Avoid entrapping air during mixing.

Placing

The consistency of the mixed mortar allows application of 3 to 10 mm in thickness for each layer. Apply JURCEM ACRYCOAT APCC onto moist surface with trowel or rubber tool. To achieve maximum skid resistance, wooden float/trowel surface-finish is recommended.

Cleaning

Clean tools with water immediately after use. Cured materials can only be removed mechanically.

PACKAGING

Part A (Drymix): 25 kg bag
Part B (Liquid): 5 L can
Set weight: Approx. 30 kg

SHELF LIFE

12 months if stored in original sealed packaging under dry and cool condition.

SAFETY PRECAUTIONS

JURCEM ACRYCOAT APCC is non-hazardous, but due to the cementitious nature, it is advisable to wear a filter mask and protective clothing. In case of eye contact, wash copiously with water and if irritation persists, seek medical treatment.

For more detailed information, please refer to Material Safety Data Sheet.

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