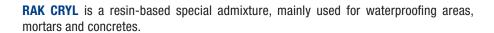


TECHNICAL DATA SHEET

302 - RAK CRYL

(Acrylic Bonding Agent)







MAIN USES

RAK Cryl is a bonding agent used in many construction applications. Of a modified polymer dispersion, RAK Cryl improves resistance to water infiltration, durability and premature setting of mortar at higher working temperatures.

RAK Cryl can be used for:

- Industrial flooring
- External mortars
- · Concrete repairs
- · Complete water tight departments
- · Drinking water reservoirs
- · Cement containing adhesives
- Sealing slurries
- · Bitumen compounds

The typical mixing ratio is as follows:

5 parts by weight Aggregate Cement 1 part by weight RAK Cryl 0.3 part by weight

APPLICATION

Addition of water depends on the moisture content of aggregates and floor topping process. Use approximately 1 - 1.2 litres of RAK Cryl per m2 of 10 mm thickness. Before doing flooring, wet the area with a mixture of 1 part RAK Cryl plus 1 part clean water. The floor should be well cleaned and wetted if needed. Direct sunlight must be avoided after application.

CLEANING

All tools can be cleaned with water after use. Avoid contact with the skin. In order to avoid skin formation, carefully reseal the drum after use.

ORDERING GUIDE

PRODUCT NO. 302 **STANDARDS** BS-6319

PACKAGING 20 K 200 kg Packs

COLOR White

FEATURES

- Application for industrial floors
- · Flooring layers without joints Resilient with good flexural/compressive strength ratio
- · Resistant to abrasion
- Waterproof
- · Reduced shrinkage Resistant to gasoline, diesel oil, mineral oil and cutting oil

ACTION

The use of RAK Cryl in cement based water penetration.

SHELF LIFE

12 months in unopened packs.

HEALTH AND SAFETY

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn (see packaging for specific instructions). Treat any splashes to the skin or eyes with fresh water immediately. Should any of the product be accidentally swallowed, do not induce vomiting but call for medical assistance immediately. Ensure the container is available for the medical attendant to examine any relevant instructions and contents details. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labelling

PREPARATION AND DOSAGE

All surfaces should be clean and free of any unwanted materials. The dosage of RAK Cryl depends on the nature of work to be carried out. The normal dose is 8 - 10 litres per 50 kg of cement. The slurry should be kept fluid. The recommended ratio is 10 to 12 litres of RAK Cryl for 50 kg of cement for watertight compartments.

CONSUMPTION OF RAK CRYL ADMIXTURE

1 to 1.2 litres for 1 m² at 10 mm thickness.

INDUSTRIAL FLOORINGS

The typical mixing ratio is as follows:

slurries and mortars improves the durability. It is strong and resistant to water infiltration. When RAK Cryl is added to cementitious mortar, the particles bind together to form a continuous film, thus increasing strength and resistance to

COMPOSITION

Milky white, non-toxic Colour and appearance Specific Gravity 1.1 10 + 0.5nН Total solids 40% by weight

After 28 day's air storage:

Flexural strength: 13.5 N/mm² (BS6319) Compressive strength: 70.0 N/mm²(BS6319)

WATER PROOFING SPECIALITY PRODUCTS FLOORING & TILING **BONDING AGENTS**