

# Dribond Rapid Set 45

**NON-SLUMP, FAST SET, PATCHING AND REPAIR COMPOUND**

**PACKAGING**



**MIXING**



**APPLICATION**



**USES**



FLOOR



WALL

**SUBSTRATES**

CONCRETE  
BRICK  
BLOCK  
RENDER WALLS

**DESCRIPTION**

A fast setting, non-slump, cement patching and repair compound.

**FEATURES**

- Develops high strength
- Good bond to masonry surfaces
- Low shrinkage
- Sets in 1 hour.

**USES**

A fast set patching repair compound for concrete and masonry surfaces (cement render brick and block). Typical applications are; repairing concrete stairs; patching holes in floors and walls and for forming falls from featheredge to 45mm and for forming coves. Patching and filling different floor levels and repairing around windows, doors, pipes etc.

**PERFORMANCE DATA**

	<b>1 Day</b>	<b>28 Days</b>
• <b>Compression Strength – BS4551. (Mpa)</b>	<b>18.0</b>	<b>31.0</b>
• <b>Tensile Strength – BS4551. (Mpa)</b>	<b>4.0</b>	<b>6.0</b>
• <b>Hardness – Brinnell. (Mpa)</b>	<b>54</b>	<b>78</b>

**COVERAGE** (approximate)

1.5kg Rapid Set 45 will cover 1m<sup>2</sup> at 1mm thickness.

**SPECIFICATION**

The repair compound will be a non-slump, fast setting polymer modified cement system with a compressive strength of 31 Mpa, such as Rapid Set 45, manufactured by Construction Chemicals and shall be applied in accordance with the manufacturers application instructions.

**SURFACE PREPARATION**

Surfaces must be firm and clean, free from dust, waxes, oil, grease, paint, excessive water and other contaminants. Smooth and contaminated surfaces must be mechanically roughened, washed thoroughly and allowed to dry. Dense surfaces should be primed with Bonding Additive Slurry.

**MIXING**

Place 4.5 litres of water in a mixing container and add the 20kg of powder while stirring continuously. Mix thoroughly until a lump free, slump free mixture is obtained. Avoid using excessive water. Mix and place in 10-15 minutes at 20°C.

**APPLICATION**

When exceeding thicknesses of 20mm add 1/3 sharp washed sand up to 45mm. When filling holes and

cracks, leave the patch slightly proud and trim off the excess after 15 minutes and finish with a wet trowel.

**SET TIME**

Approximately 1 hour, depending on temperature, humidity and surface porosity.

**CURING**

Curing is not normally required but in direct sunlight and hot dry conditions, moist cure for 24 hours.

**SHELF LIFE**

1 year.

**PRECAUTION**

Contains cement which contains silica and is alkaline - gloves should be used, avoid inhaling dust and avoid contact with eyes.

**CONSTRUCTION  
CHEMICALS**

1 **ADELAIDE** 467 - 469 SOUTH RD REGENCY PARK 5010 PH: (08) 8346 8013 FAX: (08) 8340 2052  
 1 **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892  
 1 **MELBOURNE** 11 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748  
 1 **PERTH** 11 COLLIE ST WELSHPOOL 6106 PH: (08) 9356 9999 FAX: (08) 9356 9955  
 1 **SYDNEY** 2/31-33 NEWTON RD WETHERILL PARK 2164 PH: (02) 9756 3533 FAX: (02) 9756 3534  
 1 **AUCKLAND** 16 CARPENTER RD EAST TAMAKI PH: (09) 273 5444 FAX: 0800 266 236  
 1 **KUALA LUMPUR** LOT 2 JALAN KECABI 33/2 ELITE INDUSTRIAL ESTATE OFF JALAN BUKIT KEMUNING  
 40000 SHAH ALAM PH: (603) 5122 2522 FAX: (603) 5122 2526

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