

# CEMCRETE™ BONDING AGENT

Date of Issue: 21/6/18

**Ramset Cemcrete™ improves toughness and adhesion when added to cement-based mixtures.**

Cemcrete is a high molecular weight polymer concentrate.

**RECOMMENDED USES**

- ◆ Bond coat for:
  - Cement Render
  - Solid Plaster
  - Patching
- ◆ Improving toughness and adhesion of cement renders and solid plaster
- ◆ Priming, sealing and dust suppressing interior concrete walls

**SUITABLE FOR USE ON**

- ◆ Concrete
- ◆ Concrete Block
- ◆ Brick
- ◆ Fibre Cement Sheet
- ◆ Plasterboard

**TABLE 1.** Recommended Cemcrete Dilution for Core Applications

Appearance	Cemcrete	Water
Sealing Coat	1 Part	4 Parts
Bonding Coat	1 Part	1 Part
Cement Admixture	2 Parts	3 Parts

**FEATURES & BENEFITS**

- ◆ Economical
  - High Concentration
  - High Dilution
- ◆ Strong Bond
- ◆ User Friendly
  - Water Clean Up
  - Low odour

**PRECAUTIONS**

- ◆ Do not use for dust suppressing concrete floors
- ◆ Do not use for cement or concrete floor toppings
- ◆ Not to be used where prolonged contact with or immersion in water are expected
- ◆ Apply in temperatures above 5°C
- ◆ Do not apply to any material containing bitumen

- ◆ Surfaces may appear darker after Cemcrete has dried

**SURFACE PREPARATION**

Surfaces must be free from oil, grease, dust, release agents, sealants, adhesives, paint or other substances that may interfere with the bond or penetration of *Cemcrete*.

Acid wash, scabble or shotblast as required to remove surface contaminants and to provide a mechanical “key” for renders or solid plaster

**APPLICATION INSTRUCTIONS**

**Sealing Coat**

Priming / sealing cement render, plasterboard, fibre cement prior to painting with water-based decorative paints

Dilute *Cemcrete* 1 part in 4 parts of water. Apply to surface to be sealed with brush, roller or airless spray.

Allow to dry for 24 hours before putting surface to use

**Cement Render / Solid Plaster**

1. **Primer / Sealer:** Prime surface with 1 part *Cemcrete* in 4 parts water
2. **Bond Coat:** When primer coat is touch dry apply bond coat of 1 part *Cemcrete* and 1 part water
3. **Render / Solid Plaster:** Add 2 parts *Cemcrete* in 3 parts water as gauging water in render / solid plaster
4. Apply render / solid plaster mix to **bond coat** while it is still tacky.

**Cement Mortar / Patching**

Add 2 parts *Cemcrete* in 3 parts water as gauging water in tiling and patching mortars to improve strength and bonding

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## SUGGESTED FORMULAS:

### Splash Coat

Creates a rough surface to provide a key for cement renders.

Apply primer / sealer then apply a bond coat per “Cement Render” instructions above. Apply splash coat while bond coat is tacky.

Ingredient	Proportion
Sand	2 Parts
Portland Cement	1 Part
1:1 Cemcrete / Water	Add until a slurry

### Patching Render

Ingredient	Proportion
Sand	4 Parts
Portland Cement	1 Part
2:3 Cemcrete / Water	Add until a smooth paste

## COVERAGE

Coverage depends upon roughness, porosity and type of surface.

The following coverages are offered as a guide:

Cemcrete	Water	Approx. Coverage
1 part	1 part	15 m <sup>2</sup> / Litre
1 part	4 parts	35 m <sup>2</sup> / Litre

Coverage on rough or porous surfaces will be lower.

Steel float finished concrete may require higher dilution to assist penetration.

## CLEAN UP

Clean uncured *Cemcrete* from equipment within 15 minutes (@ 20°C) with tap water. Remove dried *Cemcrete* by sanding or scraping.

## STORAGE AND SHELF LIFE

Store between 5°C and 30°C. Shelf life is 2 years in original unopened container.

## PACK SIZES AND ORDER NUMBERS

Pack Size	Order Number
20 L Bottle	CMCRL20
5 L Bottle	CMCRL5

## HEALTH & SAFETY

- ◆ Avoid contact with the skin and eyes
- ◆ If swallowed, do not induce vomiting give a glass of water
- ◆ For more detailed information refer to the Material Safety Data Sheet

## TRANSPORT & STORAGE

*Cemcrete* is NOT flammable for transport and storage.

To obtain an MSDS contact Ramset™

**For further information, please contact Ramset™**  
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