

Concrete Chemical Release Agent BCA (C&CA) Category 5

DESCRIPTION

Formease CRA2 is a drying type chemical release agent formulated to give easy release of formwork and quality surface finishes to concrete. Release of the formwork is facilitated by a chemical reaction with the cement.

ADVANTAGES

- Suitable for use on all types of formwork and is the preferred type of product on proprietary MDO & HDO plywood forms and steel shutters, it can also be used on sealed timber forms.
- A very low viscosity liquid which is easily sprayed through fine sprays without clogging.
- Economic coverage rates can be obtained using spray equipment, with coverage costs averaging no more than £0.02m² on steel forms
- The high quality raw materials allow the product to be used at low temperatures, unlike low quality gas oil derived blends.
- Can be applied just prior to casting, or pretreated forms may be left until dry. Treated forms can be exposed to the environment for 14 days without re-treatment.
- Once dry soffit shutters can be walked on safely.
- Provides a quick, positive release of formwork, reducing labour costs and damage to formwork and moulds.
- Greatly reduces the occurrence of blowholes, surface blemishes and staining.

PROPERTIES

Appearance:	Clear straw, low viscosity
Specific Gravity:	0.835 @ 20°C
Flash Point:	40°C (PMCC)
Viscosity:	<7 cSt @ 20°C
Freezing Point:	<0°C
Storage Life:	Indefinite in sealed drums.

COVERAGE

15 to 60m²/litre dependent on type of form, porosity, texture of surface and ambient temperature.

Sealed rough sawn timber:	15-25m ² /litre
Plywood:	25-30m ² /litre
MDO & HDO Plywood:	30-40m ² /litre
Plastic Coated Plywoods:	40-60m ² /litre
Metal, Fibreglass:	40-60m ² /litre

APPLICATION

Formease CRA2 is ready for use and should not be diluted. It should be applied as thinly and evenly as possible for optimum performance onto clean and dry surfaces. It can be applied to all types of formwork by spray, or absorbent applicator. Any excess should be mopped up. For the best and most economical performance, application by mist spray is recommended. Excellent results can be obtained using a Gloria 172RT Sprayer with an 8001 tip fitted.

Many new forms are not factory treated with oils, so for new or 'unsealed' timber formwork, pre-treatment is essential with two coats prior to use. This will extend the useful life of the form and help to standardise surface absorbency.

LIMITATIONS

Formease CRA2 is not recommended for rubber or plastic form liner systems as embrittlement may occur over use.

STORAGE & HANDLING

Formease CRA2 in manufacturer's sealed drums requires no special storage facilities

Material should be applied in well ventilated areas.

Keep away from naked flames, electrical equipment, food-stuffs and children

PACKAGING & TRANSPORT

Formease CRA2 is supplied in 25ltr and 200ltr Drums.

Regulated for Road Transport

HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request.

If spraying, care should be taken to minimise inhalation and contact with eyes and ensure adequate ventilation during application.

QUALITY ASSURANCE

Direct Chemicals is a firm of assessed capability. The Company's quality system conforms to BS EN ISO 9001:2000 and is assessed by QMS International PLC. Products are manufactured under quality assured schemes

Direct Chemical products are guaranteed against defective materials and manufacture. Products are sold subject to the Direct Chemical Terms and Conditions of Sale, copies of which are available on request. Direct Chemicals endeavours to ensure that the above data and any further advice is correct, however Direct Chemicals can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.



Direct Chemicals
PO BOX 3786, Bracknell
Berkshire, RG12 7TH
Tel: 0118 989 2666
Fax: 0118 989 0929
Email: sales@dichem.co.uk
Web: www.dichem.co.uk

