



FIELD OF USE FOR 4th DIVISION PRODUCTS

DISARMFER

UNIVERSAL CHEMICAL RELEASE AGENT FOR TIMBER AND STEEL

PROBLEM

An efficient release agent is required to prevent adhesion between the concrete and the timber or steel shuttering.

DESCRIPTION

DISARMFER is a synthetic based formula which is free from mineral oils and ready to use. It isolates the shuttering from the casting by means of a traditional type physical release action and also reacts chemically with the cement paste of the concrete, creating a further insulating element in the form of a very fine cohesion free film which allows an easy separation of the two elements.

FIELDS OF USE

DISARMFER is suitable for use with every type of concrete, metal, timber shuttering or plastic materials (epoxy and phenolic resins, polyester, polyurethane). It is recommended in all cases where difficulty occurs with cold or warm shuttering, warm concrete, complex shape or white cements. It is also suitable for concrete castings matured by steam or normal process. DISARMFER is particularly suitable for prefabricated concrete and also when white cement is used.

COVERAGE

With 1 litre of DISARMFER you can treat on average :

- metal shuttering 40-50 m²
- timber shuttering 25-35 m²
- plastic shuttering 40-50 m²
- plaster or cement shuttering first application 5-10 m²
- subsequent applications 15-20 m²

PRECAUTIONS

- Avoid applying the product in quantities greater than indicated so as not to reduce the release qualities of DISARMFER or affect the final appearance of the concrete surface.
- Dry any excesses of DISARMFER deposited in corners and on the sides of the shuttering.
- Protect the product from the sun.

SAFETY REGULATIONS

- In case of contact with the eyes rinse thoroughly with water and contact the doctor.
- When spraying the product protect

the lungs by wearing a mask with an organic vapour filtre.

- If swallowed, contact the doctor immediately
- Always wear gloves and goggles
- Do not dispose of residues down the drain.

Primary skin irritation trials carried out by the Biolab Institute SGS Vimodrone (Milan).

Negative primary skin irritation conforming to EEC directives in force on 29 July 1983 (83/467/EEC) Protocol 000518/1 T00056/4.

Acute oral toxicity trials (limited dose) in accordance with current EEC directives 83-467 and 84-449 Protocol 518/2 T00057/51 carried out by the Biolab Institute SGS srl Vimodrone (Milan).

The DISARMFER sample tested in the adapted experimental conditions is to be considered non toxic in accordance with classification standard adopted by the VI modification from Eec directive relative to classification and labelling standards of dangerous substances.

METHOD OF USE

DISARMFER is applied on the shuttering in a very thin layer using spraying apparatus or a lightly saturated pad. DISARMFER release agent protects the finished concrete surface from oil or grease; this avoids the need for brushing or sanding before the final treatment with OSMOSEAL osmotic cement or with other surface treatment.



Applying disarmfer by spraying

DISARMFER

TECHNICAL CHARACTERISTICS

Appearance	oily liquid
Colour	dark brown
Specific weight (volumetric mass) at +20°C	0,90±0,02 kg/litre
Type	ready to use
Shelf life in original packaging	24 months



SPRAY
APPLICATION



APPLY
BY BRUSH

ADVANTAGES

- After shuttering is removed surfaces will have a uniform appearance without staining and all angles and corners will be sharp and clear cut.
- It is non toxic and does not contain mineral oils
- Easy and fast formwork maintenance.
- Allows finishing work and painting on surfaces treated with release agent with simple manual brushing.
- Allows the same panels to be used many times.

PRODUCT



PACKAGING

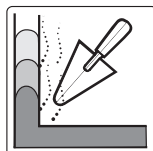
200 litre drums.
20 litre pails.
5 litre cans.

index
Construction Systems

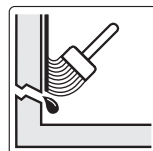
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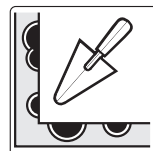
• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE
• IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS



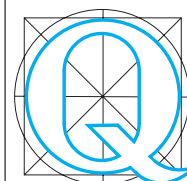
Restoration of damp masonry using damp-proofing renders



Waterproofing with vapour permeable cements



Concrete refurbishment



TOTAL QUALITY
Q.S. ISO 9001

ring the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX S.p.A. at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Consider