



SAINT-GOBAIN

durastrip®

**CHEMICAL SHUTTER/MOULD
RELEASE AGENT**

DESCRIPTION

durastrip is a milky white emulsion and is a semi environmentally friendly mould release agent based on a combination of water and solvent.

USES

durastrip can be used as a release agent for steel, plywood, timber and plastic formwork moulds prior to casting concrete. (In accordance with EN 12390-1 for cubes, prisms and cylinders).

durastrip provides a water repellent film that protects both steel and timber formwork.

ADVANTAGES

- Reduced solvent reduces risk to the environment
- **durastrip** is a specially formulated emulsion consisting of water as well as solvent to give optimum results, with flashpoint at 141° in accordance with EN ISO 2719
- It is semi water based and is therefore safe and clean
- Excellent concrete finish is achieved that exhibits smooth, hard, uniform finishes
- **durastrip** has no negative effect on concrete properties (In accordance with EN 12390-2 for making and curing specimens and EN 12390-3 for compressive strength of concrete specimens)
- **durastrip** does not impair the adhesion of subsequent surface treatments when applied at the recommended coverage rates

TYPICAL PROPERTIES

Form	Liquid Emulsion
Colour	Milky
Density	0.95 – 1.05
Flashpoint	Approx. 141 °C
Specification compliance: Exceed the needs of release agent as described by EN standards.	

SURFACE PREPARATION

All surfaces must be clean, dry and free of all loose materials. Steel surfaces must be free of rust or mill scale. If extensive re-use of timber moulds is envisaged it is advisable to protect all new surfaces with **abecote® 320**, which protects timber from alkali attack. See relevant data sheet.

COVERAGE

Typically: 30 – 40 m² per liter. The coverage is dependent on the substrate roughness and porosity. A trial is highly recommended to determine exact quantities.

MIXING

durastrip is a ready to use formulation and does not require any mixing. It should however be stirred prior to use.

APPLICATION

Minimum application temperature: 5 °C. **durastrip** must be applied at the recommended spread rate and any excess must be removed. **dura.strip** should be applied by brush, sponge roller or conventional mould oil sprayer. **durastrip** should be applied in one continuous even film. All nonabsorbent surfaces require only a single application.

NOTE:

New, unsealed timber surfaces should be re-coated if a delay period in excess of 48 hours occurs. After use, formwork should be brushed and treated with **dura.strip** as previously described. Remove **durastrip** completely for purposes of repair or for resealing with **abecote® 320**. See relevant data sheet.

LIMITATIONS

Do not apply during rain or when rain is expected.

CLEANING

All tools, equipment and splashes should be cleaned using clean water. Soap and water to be used for personal cleaning.

MODEL SPECIFICATION

Chemical mould-release agent for easy stripping of moulds and formwork. The mould release agent will be **durastrip**; a water and solvent emulsion applied in accordance with the recommendations of **a.b.e.®**

PACKAGING

durastrip is available in 20 and 200 litre containers.

HANDLING & STORAGE

Shelf life is 1 year in original unopened packaging. Keep away from direct sunlight.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.**® endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot accept any liability for application – because **a.b.e.**® has no direct or continuous control over where and how **a.b.e.**® products are applied.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.**® is an ISO 9001:2015 registered company

a.b.e.® has a wealth of technical and practical experience built up over the years in the company's pursuit of excellence in building and construction technology. Please consult our website for our latest data sheets.

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