



# a.b.e.<sup>®</sup> Construction Chemicals **dura.<sup>®</sup>strip**

## CHEMICAL SHUTTER/MOULD RELEASE AGENT

### DESCRIPTION

**dura.<sup>®</sup>strip** is a milky white emulsion and is a semi environmentally friendly mould release agent based on a combination of water and solvent.

### USES

**dura.<sup>®</sup>strip** can be used as a release agent for steel, plywood, timber and plastic formwork moulds prior to casting concrete. **dura.<sup>®</sup>strip** provides a water repellent film that protects both steel and timber formwork.

### ADVANTAGES

- Reduced solvent reduces risk to the environment. **dura.<sup>®</sup>strip** is a specially formulated emulsion consisting of water as well as solvent to give optimum results.
- It is semi water based and is therefore safe and clean.
- Excellent concrete finish is achieved that exhibits smooth, hard, uniform finishes.
- **dura.<sup>®</sup>strip** has no negative effect on concrete properties
- **dura.<sup>®</sup>strip** does not impair the adhesion of subsequent surface treatments when applied at the recommended coverage rates.

### PHYSICAL PROPERTIES

Form	Liquid Emulsion
Colour	Milky
Density	0.95 – 1.05
Specification compliance: Exceed the needs of release agent as described by ASTM & BS	

### 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 **abe.<sup>®</sup>cote 320**, which protects timber from alkali attack. See relevant data sheet.

### COVERAGE

Typically: 30 – 40m<sup>2</sup> per liter.

The coverage is dependent on the substrate roughness and porosity. A trial is highly recommended to determine exact quantities.

### MIXING

**dura.<sup>®</sup>strip** 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.

**dura.<sup>®</sup>strip** must be applied at the recommended spread rate and any excess must be removed. **dura.<sup>®</sup>strip** should be applied by brush, sponge roller or conventional mould oil sprayer. **dura.<sup>®</sup>strip** 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.<sup>®</sup>strip** as previously described. Remove **dura.<sup>®</sup>strip** completely for purposes of repair or for resealing with **abe.<sup>®</sup>cote 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 **dura.®strip**; a water and solvent emulsion applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**.

## PACKAGING

**dura.®strip** is available in 20 and 200 litre containers.

## HANDLING & STORAGE

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

## HEALTH & SAFETY

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The safety data sheet is available from your local **a.b.e.® Construction Chemicals** sales representative.

## IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied - accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation or information given by the company.

## 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.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.



a.b.e.® is an ISO 9001:2008 registered company  
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