



DuraShield 100

Release Agent for Concrete Forms

PRODUCT DESCRIPTION

DuraShield 100 is a low cost, highly effective release agent for metal, plastic, wood and composition forms. It is a blend of natural organic chemicals which impart a waterproof film to prevent adhesion of concrete to the forms and provide for quick and easy release. DuraShield 100 is supplied ready to use as a thin, milky white coloured liquid of low viscosity.

PRIMARY APPLICATIONS

Water-based formulation can be applied to forms of all types for easy removal from freshly placed concrete.

FEATURES & BENEFITS

- Reduces labour and construction time
- Lowers costs
- Allows the forms to be re-used
- Minimises clean-up and maintenance
- Can be used on metal or plastic forms and on previously oiled or untreated wood forms
- Excellent release properties
- Reduces transfer of wood grain markings

PACKAGING

200 L drums and 20 L pails

TECHNICAL INFORMATION

Weight/Litre: 0.994 kg/L

SHELF LIFE

1 year in original, unopened container

COVERAGE

Application	m ² /L
Plywood forms	8.59 to 12.27
Wood composition forms	8.59 to 12.27
Plastic forms	19.63 to 24.54
Metal forms	19.63 to 24.54

Coverage rates are approximate and for estimating purposes only. Surface temperature, porosity and texture will determine actual material requirements.

DIRECTIONS FOR USE

Surface Preparation: Forms must be free from dirt, hardened concrete, and other extraneous matter. Before coating plywood panel surfaces, apply one, preferably two, heavy brush coats to the edges to protect laminations.

Mixing: Mix DuraShield 100 prior to use to ensure that settling has not occurred.

Application: DuraShield 100 is applied by brush, spray, or roller to metal, plastic, or plywood forms. One or two heavy brushcoats should be applied to the edges of plywood forms to protect the laminations. The surface of forms should receive one light, uniform coat. Avoid excessive build-up and runs or puddles since an excess of coating may retard the concrete.

For proper performance, always make sure brush is fully saturated with DuraShield 100. Attempts to "stretch or skinny" DuraShield 100 will result in sub-standard performance of product. DuraShield 100 should be applied evenly over the panel. One full coat provides proper protection. DuraShield 100 will set and be ready to use within one hour on plywood; 2 hours on metal and plastic forms.

CLEAN UP

Clean tools or equipment with water and soap/detergent immediately following use. Clean drips and overspray while still wet. Dried DuraShield 100 becomes very difficult to remove.

PRECAUTIONS / LIMITATIONS

- Store in a dry, ventilated, 4°C to 32°C area.
- Do not thin or dilute DuraShield 100.
- Do not apply in rain, and protect from rain for at least 1 hour after application.
- Do not apply DuraShield 100 when temperature is below freezing.
- DuraShield 100 is not recommended when concrete is to be steamcured, or for tilt up work.
- In all cases, consult the Safety Data Sheet before use.



HEALTH & SAFETY PRECAUTIONS

The Technical and Safety Data Sheets must be read and understood before use.

The use of suitable face mask is recommended along with, cement resistant gloves and goggles is advised.

CONDITIONS OF USE AND DISCLAIMER

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instruction of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

TREMCO CPG MALAYSIA SDN BHD

Duram a division of Tremco CPG Malaysia Sdn Bhd

No. 3A Jalan Titanium 2
Presint 1, Bandar Industri Tinggi Serendah
48200 Serendah, Selangor

T. +60 3 6023 0330
www.tremcocpg-asiapacific.com