

# Strumould® SLV

## Chemical Mould Release Agent

### Uses

- For quick, clean and easy stripping of moulds and formwork.
- For high quality, fair-faced and stain-free concrete.

### Advantages

- Ensures easy release, reducing damage and improving efficiency of production.
- Minimizes surface blemishes and staining, promoting high quality fair-faced concrete even with white cement.
- Reduces opportunity of damage to formwork, extending usable life.
- Minimizes cleaning of formwork before re-use.
- Suitable for use with virtually all types of formwork.
- Inhibits corrosion of steel formwork.

### Description

Strumould SLV chemical mould release agent is a specially formulated blend of mineral oils and selected additives. It is supplied as a low viscosity.

On the mould, Strumould SLV provides a chemical release action that is superior to that provided by normal oil based release agents. Entrapment of air bubbles at the mould surface is minimized, reducing surface blemishes and substantially reducing remedial costs. As well as improving cast concrete surfaces, Strumould SLV also minimizes damage to form surfaces. Corrosion on steel moulds is reduced. On all mould types the easier release and reduced residue minimize the chance of damage to the mould surface during stripping and cleaning. This extends the life of the surface and reduces the frequency of concrete defects caused by damage to the mould face.

### Properties

|                  |                             |
|------------------|-----------------------------|
| Appearance       | Brown Liquid                |
| Specific gravity | Typically 0.84±0.02 at 20°C |

### Instructions for use

#### Mould preparation:

All moulds, new or used, must be cleaned of surface deposits of rust, concrete, oil or other materials. Inadequate cleaning may lead to surface blemishes due to the adhering material. The use of a proprietary chemical degreaser or acid cleaning with Struclean® CM11 is recommended.

If only limited use of the formwork is envisaged, new timber moulds may be coated directly with Strumould SLV. If forms are to be regularly re-used then the surface should initially be coated with a suitable polyurethane sealer. This provides increased protection to the timber surface, improves ease of cleaning and prevents the build up of large residual levels of release agent in the timber of the form which may lead, over time, to increased surface dusting or retardation.

#### Application:

Strumould SLV can be applied by all normal methods, including brush, sponge and conventional spray. Where suitable, spray application is recommended.

Non-absorbent surfaces require a single application. New, unsealed, timber surfaces should be re-coated if delay in use of the mould leads to absorption of the release agent into the timber.

#### Coverage rate:

Depending on the porosity and texture of the mould surface, typical coverage rates of 10 to 30 m<sup>2</sup>/litre will be obtainable.

Best results will be obtained with the thinnest practical coating. Over application should be avoided. Excessive application on flat surfaces or which leads to pooling of release agent in the corners of forms is uneconomic and can lead to surface dusting or, in worst cases, surface retardation.

#### After stripping or demoulding:

After use, the formwork or mould should be brushed or wiped clean of any excess dust prior to re-application of Strumould SLV for the next use of the mould. The use of Strumould SLV minimizes the amount of time and effort required for this process.

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**Repair of moulds:**

If, after extended use, mould surfaces require repair or recoating with polyurethane sealer, all residual traces of Strumould SLV must be removed to ensure complete adhesion. This is best effected by using a strong industrial detergent together with stiff brushing, followed by thorough rinsing with clean water.

**Packaging**

Strumould SLV is available in 20 Litr containers and 208 Litr drums.

**Storage**

Strumould SLV has a minimum shelf life of 12 months when stored in the original unopened containers under normal warehouse conditions.

**Precautions****Health and safety:**

Strumould SLV does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.

Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting

**Fire:**

Strumould SLV is flammable.

