

SHUTREX 406

WATER BASED MOULD RELEASE AGENT

SHUTREX 406 Mould Release agent is a water based ready to use emulsion with excellent form release properties. SHUTREX is non-staining and is suitable for concrete containing off-white cement, it allows high-precision release with thin coating. It has excellent drying performance and prevents moulds from becoming contaminated, reducing the number of mold cleaning cycles.

SHUTREX 406 is applied to mould and shutter faces prior to casting concrete in order to obtain a clean and easy release and to achieve a smooth , honey comb and blow holes free, hard, uniform finish concrete.

SHUTREX ensure an impeccable appearance and quality of your concrete surfaces.

FEATURES

SHUTREX 406 allows air to escape from the face when the concrete is poured and vibrated. Normally such air gets trapped and makes air pockets which cause imperfection and necessitating remedial work. The chemical reaction between SHUTREX 406 and cement in concrete produces a strongly hydrophobic surface. This ripples surplus water at the interface with the mould and preserves uniformity of surface texture and colour.

- ▶ Is easily applied.
- ▶ Easy and efficient stripping of forms.
- ▶ Excellent Release Properties and Fast Air Cure
- ▶ Have excellent wetting properties.
- ▶ Allows easy removal of shuttering.
- ▶ Does not stain concrete.
- ▶ Can be used with white cement.
- ▶ Economical and ready to use.
- ▶ Ready to use
- ▶ Reusable - Molds can be used over and over again .
- ▶ Is water based and therefore environmental friendly.
- ▶ VOC comply.

APPLICATION FIELD

SHUTREX 406 is designed agent for application to moulds and forms for concrete pre castings and on-site pours and it works well with plywood, timber, steel and plastic faced formwork and moulds, prior to casting concrete, to ensure a clean and easy release.

PROPERTIES

Appearance	Milky white liquid
Blend base	Active chemical + Water
VOC	Zero g/L
Chlorine content	Nil
Coverage	45sq.m-65 sq.m /L (±10 depends upon the surface material)
Application temperature	4 °C to 48 °C
Transportation	Non-Hazardous category
Freezing Point	≤0°C
Specific Gravity	0.99 +/- 0.01

APPLICATION

SHUTREX 406 Can be applied by Spray, brush or roller. SHUTREX 406 has similar viscosity in both hot and cold weathers, and can be using similar tips and settings year round.

The mold surface must be clean and free of any release agent or other contaminants for SHUTREX 406 to be completely effective. Remove any contaminants with suitable cleaning agent .Remove previous build up of concrete, rust, scale and dirt, and repair any holes or fractures from previous use before applying. SHUTREX 406 is ready to use direct from its container.

It shouldn't be diluted and applied as thinly and evenly as possible for optimum performance on to clean and dry surfaces. It can be applied to all types of form works by spray. Roller , brush or absorbent applicator. Any excess should be mopped up. For the best and most economical performance, application by mist spray is recommended. SHUTREX 406 must be allowed to dry on the forms prior to pouring concrete

COVERAGE:

Material	Yield
Timber /Wood	45 sq.m/L/Coat
Steel /plastic	60 sq.m/L/Coat

Coverage and Yield always. depending on porosity, texture and form material and the application temperature

STORAGE:

SHUTREX is stable under normal storage conditions for 12 months.

PACKING:

SHUTREX is available in 20 L and 200 L

HEALTH AND SAFETY

- Using gloves, goggles and other protective clothing is advised to use SHUTREX 406
- If swallowed, do not induce vomiting

Direct contact may result in mild irritation. Read and follow all application, label, precautions, and health and safety information prior to use. Refer to the Material Safety Data Sheet for complete health and safety information .

ATTENTION:

SHUTREX is not to be used in moulds and left outside in the rain. The product will emulsify and wash off from the moulds.

USE INTRUCTIONS AND LIMITATION

Site environmental conditions, substrate conditions and construction have a major effect on product selection, application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate site test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that

NOTE: All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.

engineered to perform

