

Product Description

Techno FormStrip WB is supplied as a pale amber liquid which turns brownish white when diluted with water to produce a chemical release agent, combining the outstanding release properties of such materials with the economy of a conventional oil. It reacts with the alkali in the concrete to form a thin water repellent skin on the surface of the mould which enables easy stripping from the hardened concrete.

Uses

For easy and stain free release of concrete moulds and formwork of all types. Particularly where wooden formwork is used and de-moulding or stripping times exceed 24 hours.

Advantages

- Non-staining : No cleaning of unsightly oil stains if plastering is not required
- High quality : Produces really fair faced finish concrete
- Versatile : Can be used on all types of moulds.
- Minimises cleaning : Makes cleaning of form faces between pours very easy
- Concentrate form : Reduces storage and transport costs
- Water based : Only requires water for dilution.

Properties

Dilution rate - 1 part Techno FormStrip WB: 5parts clear water (by volume)

Formwork surfaces - May be used on wooden or metal surfaces. Particularly effective on resinous coated surfaces.

Non-staining - Can be used safely with white cement.

Specific Gravity - 1.03 ±.01

Application Instructions

Mixing

First dilute Techno FormStrip WB concentrate in the proportion of 1:5 with water, using a clean container and stirring thoroughly until evenly mixed. If the solution is not used the same day, it should be stirred again before use and may require very good stirring after 5 days.

New Moulds

No preparation is normally necessary Metal moulds showing signs of rust, must be wire brushed or treated with emery cloth and burnished clean before coating.

New Timber

Plywood will give superior results and much extended re-use if first coated with Techno FormStrip WB.

Used Moulds

Must be thoroughly clean and free from old concrete, dirt, cement laitence, old mould oil and other contaminations.

Application

Apply the Techno FormStrip WB 1:5 water dilution to the face of the formwork by spray, brush or cloth. Only one coat should be applied (as thinly as possible except on very absorbent new timber where two coats may be necessary for the first application only) and allow to dry.

If the formwork is not used for several days, a further coat may be applied.

Only a very thin film of Techno FormStrip WB should be applied. Excess could lead to surface dusting of the concrete.

The best results are obtained by applying with a fine mist sprayer. Where a cloth is used, it should first be soaked in the release agent and then squeezed out well before applying. This ensures the thinnest possible film. Techno FormStripWB is not generally recommended where demoulding is required within 24 hours, although excellent results may be obtained with shorter times.

Drying Time

It is essential that the TechnoFormStrip WB is thoroughly dry before placing concrete. Otherwise, being an emulsion, its performance may be impaired. In condition of high humidity drying times will be much longer than in warm dry conditions.

Rainfall

It is necessary to protect freshly coated formwork from rain which may dilute the emulsion before it has dried. After drying the coating will withstand an occasional lighty shower but may be affected by heavy or continuous rain. In such cases, a further coat is advised once surfaces have dried out thoroughly.

De-moulding

De-moulding can be carried out in the normal way and no special precautions are necessary.

After de-moulding

Formwork surfaces must be thoroughly cleaned, but this is normally easy due to the excellent release action.

Before re-use

The cleaned formwork surfaces must be recoated with Techno FormStrip WB each time, in accordance with normal practice.

Maintenance

Techno FormStrip WB is an internationally used material and has an outstanding record of performance. On rare occasions the normally high level of performance is not achieved but in most cases, the problem is a simple one and easily identified by the following check list:

1. Are mould surfaces really clean before re-use?
2. Is a fresh coat of Techno FormStrip WB applied before each reuse?
3. Has the Techno FormStrip WB been diluted exactly 1:5 with water by volume?
4. Is the coverage rate the highest and the film thickness the lowest possible?
5. Is the coat really dry before placing the concrete? (remember a change in weather can alter drying times significantly)
6. Is the de-moulding time 24 hours or more?

If the answers to one or more of these questions is 'No', it usually explains the reason for the problem experienced which can be rectified accordingly.

Coverage

1 litre of Techno FormStrip WB when diluted with 5 litres of water will cover 80 to 160 m² depending upon the nature of the substrate.

The highest coverage rate must be aimed for. As a guide: unsealed timber or plywood - 80 to 100 m²/6 litres of solution.

If coverage rates are appreciably less than these and satisfactory results are not being achieved, then coverages should be increased as close to the higher figure as possible.

Packaging

Techno FormStrip WB is supplied in 5, 20 and 200 litre containers

Health & Safety

Gloves should be worn when handling Techno FormStrip WB. Splashes on skin should be removed with soap and water. Contact with eyes should be avoided and accidental contamination should be washed with plenty of water and medical treatment sought immediately. If swallowed, obtain immediate aid. Do not induce vomiting. Ensure good ventilation.

Shelf Life

Techno FormStrip WB has a shelf life of 12 months provided the temperature is kept in the range of 5 °C - 40 °C. If this temperature is exceeded in any respect, advice should be sought from the supplier.

Diluted Techno FormStrip WB will remain stable for at least 5 days but must be re-stirred before use.

Fire

Flash point of Techno FormStrip WB is approximately 61°C.

Important: Technokem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Technokem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

For Complaints/Suggestions:

Please write to our Customer Care Executive at

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