

# Data Sheet

## ADOSEAL

### Plastic formwork coating



#### Description

A low viscosity, high solids, single pack moisture curing polyurethane which, being of lower vapour pressure than most similar materials, is an easier material for operatives to use.

**ADOSEAL** also includes wetting agents which enable it to achieve excellent penetrating properties without a reduction in solids content, in order to bind-in and toughen timber fibres and to give anchorage in depth to the surface coating to provide maximum adhesion.

As well as being for use with all types of timber formwork, **ADOSEAL** is also ideal for use on many other porous and semi-porous types of materials used for concrete forming.

#### Advantages

- Tough penetrating flexible sealing coat increases formwork life considerably.
- Improves concrete appearance by eliminating moisture absorption of timber and preventing migration of wood sugars into concrete.
- Improves formwork release, particularly where difficult features are involved.
- Reduces formwork cleaning and maintenance time.
- Suitable for use with all types of concrete release agents.

#### Physical data

Viscosity 100 cp @ 20° C  
Drying Time 1¼ hours @ 20° C  
Tack Free Time 3 hours @ 20° C

Sward Hardness 35 - 40  
Flash Point 43° C

#### Application

Surfaces should be clean, touch-dry and previously untreated with paints, release agents or other surface deposits. All undesirable indentations such as screw holes should be filled with **ADOFILL** Formwork Patch Repair Compound. Apply thinly by brush or roller two coats of **ADOSEAL** to face and edges of forms, preferably with forms horizontal to apply the second coat as soon as possible after this period so as to obtain maximum intercoat adhesion. If it is not possible to re-coat until the following day, the surface should first be lightly sanded.

Formwork should be stacked separately in a well ventilated area and allowed to cure for a minimum of 48 hours before use during which time it should be protected from rain.

Container lids should be firmly replaced immediately after use and any unused decanted material should not be returned to container. If slight thickening does occur, re-adjust viscosity by the addition of up to 10% **RESOTHIN S**. Clean all equipment with **RESOKLENS** immediately after use.

#### Coverage

Low porosity surface Approx. 9.0 m<sup>2</sup> per litre  
High porosity surface Approx. 7.0 m<sup>2</sup> per litre

#### Recommendation

For first class release and concrete finish, apply **ADOLEASE** Concrete Chemical Release Agent prior to each cast.

#### Storage

Keep containers sealed, store at room temperature and away from direct heat. Flash point of **ADOSEAL** is 43° C and all applicable storage requirements for inflammable materials should be observed, Storage stability of unopened drum is minimum 1 year.

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#### Specification clause

Timber forms should be sealed with **ADOSEAL** Plastic Formwork Coating, manufactured by **ADOMAST** Building Chemicals Ltd., applied in accordance with manufacturers instructions, and treated prior to each concrete casting with **ADOLEASE** Concrete Chemical Release Agent.

#### Health and safety

Material is inflammable. Avoid physical contact with material and excessive inhalation. If contact with skin should occur, wash with a suitable antiseptic cleaner and then soap and water. If splashes should affect eyes, bathe immediately with copious quantities of clean water and then immediately seek medical advice.

Reference should be made to the separate **ADOSEAL** Health and Safety literature.