

# Toby Technical Bulletin 7

## Sealer Selection for Polyurethane Coatings

A sealer for timber is used for a variety of reasons. Although the drying speed is an important feature, there are other factors to consider:

- Good substrate penetration and sealing properties
- Adhesion to substrate including oily timbers like spotted gum and brushbox
- Good adhesion to the topcoat
- Re-coat ability with a variety of topcoats
- Pleasant timber colour
- Good grain filling
- Minimisation of the occurrence of rejection
- Reduction of edge bonding
- Sandability
- Degree of flexibility
- Fast drying and re-coat time

Parchem Construction Products offer a range of solvent and water based timber sealers with excellent properties.

### Toby Solvent based Sealers

**Toby Rapidseal** is a fast drying sealer and can typically be re-coated after 30 minutes. It has excellent adhesion to all common and most exotic timbers and can be over coated with all solvent-based and water-based Toby timber finishes including **Toby Tung Oil Seal**.

**Toby Solarthane Plus** can be used on cork and timber. It keeps the timber colour light, making it ideal for darker timbers. The sealer has outstanding grain filling properties, excellent sandability properties and can be re-coated after 1 hour.

## Toby Water-based Sealers

**Toby Aquamax Roller Seal** can be used with **Toby Aquamax Domestic** and **Toby Aquamax Commercial**. It is roller applied, can be over-coated after 60 minutes drying and reduces the incidence of shadow marks on the floor, which are often a problem with water-based timber floor finishes.

**Toby Maxi-1-Sealer** is the recommended timber sealer for the **Toby Aquamax Sports** system. It is applied with a bar applicator, has excellent adhesion to all common timbers and, being based on polyurethane's, improves the overall wear characteristics of the system.

Recommendations for Cork

## **Solvent-based**

### **Basic Recommendation**

One coat of **Toby Solarthane Plus**, plus two coats of **Toby Unithane Gloss**. If a matt, satin or semi-gloss finish is required, apply **Toby Unithane Matt, Satin or Semi-gloss** as finish coat on top of one coat of **Toby Solarthane Plus** and one coat of **Toby Unithane Gloss**.

### **Alternative Recommendations**

- one coat of **Toby Unithane Gloss** and one coat of **Toby Unithane Matt, Satin or Semi-Gloss**.

## Recommendations for Timber

# Solvent-based

### Basic Recommendations

One coat of **Toby Rapidseal** or **Toby Solarthane Plus**, two coats of **Toby Unithane Gloss** or two coats of **Toby Lustapol**. Apply **Toby Unithane Matt, Satin** or **Semi-gloss** as final coat if a gloss reduced system is desired.

# Water-based

One coat of **Toby Aquamax Roller Seal** and two coats of **Toby Aquamax Domestic**, two coats **Toby Aquamax Commercial** or two to three coats of **Toby Aquamax Sports**. One coat of **Toby Maxi-1-Sealer** and two to three coats of **Toby Aquamax Sports**.

For further technical advice call our Technical Hotline on 1800 073 530.

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