

# C3-533

## Polyurethane Coating



### Description

C3-533 is a two component Polyurethane-Polyester adduct giving rise to coatings with excellent resistance to hydrolysis.

However, due to its high initial green strength, it can be applied and air-dried as a single-component product in most applications.

Additives such as pigments, matting agent, light stabilisers etc. can also be used.

### Application method(s)

C3-533 can be applied onto textiles by knife-coating techniques ie; air-knife, knife over roll, knife over blanket or brush applied.

C3-533 is typically used as a two-component system requiring the further addition of a suitable isocyanate such as C13-002.

In view of the limited pot life upon addition of C13-002, it is advisable to prepare mixtures for one working day only.

### Curing

Solvent should be removed from the freshly coated fabric at 80-110°C. Allow 3 days for the coated fabric to fully through-cure.

### Usage Notes

Clean equipment with Methyl Ethyl Ketone.

Thinning is not necessary.

### Health & Safety

See SDS. If you need a copy of the latest version please contact [sales@itac.uk.com](mailto:sales@itac.uk.com).

### Packing and Storage

5 litre open top pails, 25 litre open top pails and 200 litre open top drums.

Store in a cool dry place between 5°C and 30°C .

Typical properties for this product are given based on ITAC manufacturing experience. They are not a specification of the product.

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Reg in Eng No 499145  
VAT reg No 145 4337 73



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Typical Properties	Value	Units	Test method
Base Polymer	Polyurethane	NA	
Colour	Matt black when dry	NA	
Specific Gravity	0.91	NA	
Solvent(s)	Methyl Ethyl Ketone	NA	
Solids Content	34-36	% by weight	
Viscosity	20,000 - 60,000	cPs	Brookfield Spindle 6, Speed 10, at 20°C.
Flashpoint			
Shelf life	12 months from date of manufacture, which is printed on the label.		

Other Properties	Value	Units	Test Method

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