

NASH TIMBERS FLOOR COATINGS

Timber floor finishes can be grouped into four main categories. Penetrating oils and waxes, curing oils and alkyds, oil modified urethanes, and polyurethane's, the latter three categories being available in solventborne and waterborne. Performance parameters such as durability or resistance to wear can vary significantly within a category as well as between categories. All categories can be recoated with refurbishment coats.

Timber Floor Coatings							
Property	Penetrating oil / wax	Oil based finishes	OMU	Polyurethane			
				Solventborne		Waterborne	
				1 pack	2 pack	1 pack	2 pack
Wear resistance	Low	Low-Med	Medium	Very High	Very High	Med-High	Med-VH
Ability of the floor to accept careful foot traffic 3 days after coating. (Ave. Temp. 20°C)	Low	Low	Medium	Medium	High	Medium	High
Timber colour 'richness'	Low-High	High	High	High	High	Low-Med	Low-Med
Resistance of the coating to yellowing with age	Low	Low	Low	Low-High	Low-High	Med-High	Med-High
Ability to cure in cold & dry weather	Low	Low	Medium	Medium	High	Medium	High
Ability to cure in cold and damp weather	Low	Low	Low	Medium	High	Low	Low
Edge bonding resistance	High	High	Med-High	Low-Med	Low	High	Med-High
Rejection resistance	High	Medium	Medium	Low-Med	Low-Med	Medium	Medium
VOC emission at application	Low-High	High	Med-High	High	High	Low	Low-Med
Inhalation hazard when coating is applied	Low	Medium	Medium	High	Very High	Low	Medium
Odour on application	Low-Med	Medium	Medium	High	Very High	Low	Low-Med
General product cost	Med-High	Low-Med	Medium	Medium	Medium	High	Very High