

PUFFIN WOODSTAIN WAX FOOD GRADE

is a Water base paint with clear or transparant iron oxide coloured finishing. This product suitable for use as topcoat for wood substrate.

Features

- Water based
- Food Grade
- Wide Coverage
- Low odour
- Waterproof
- Fast dry and brush mark free
- Environment friendly

Recommended use

Topcoat and wax for wood substrate.

Suitable for new or previously wood substrate as a transparent color coating so the basic motif or pattern of wood or other substrates will remain visible

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (um)	10	20	15
Film thickness, wet (um)	11	22	11.5
Theoretical spreading rate (m ² / l)	40	20	30

Physical properties

Color	Clear/colored iron oxide
Solids (vol %)*	80+/-2
Flash point	Nonflammable
Water resistant	Good
Sanding properties	Excellent

Application methods

Brush	Recommended
Cotton brush	Recommended

Application data

Mixing ratio (volume)	Ready to use after proper stirring if thinning is required water may be added up to a maximum of 5%
Thinner/ cleaner	Water

Drying time are generally related to air circulation, temperature, film thickness, and number

Of coats, and will be affected correspondingly .the figures given in table are typical with:

- Good ventilation(outdoor exposure of free circulation of air
- Typical film thickness
- One coat on top of inert substrate
- Relative humidity 70 %

Substrate temperature	10'C	23'C	40'C
Surface dry	2h	1 h	0.5 h
Through dry	8h	6h	4h
Dry to re coat minimum 1	4h	2h	1h
Dry to rec oat minimum 2, 3			

1. Recommended data given for re coating with the same generic type of paint
2. In case of multi coat application ,drying time will be influenced by the number and sequence and by total thickness of previous coats applied-reference is made to corresponding system data sheet
3. The surface should be dry and free from any contamination prior application of subsequent coat

The given data must be considered as guidelines only, the actual of drying time /time before re coating may be shorter or longer depending on film thickness, ventilation ,humidity ,underlying paint system, requirement for early handling and mechanical strength etc, a complete system can be described on a system sheet ,where all parameter and special condition could be included.

Typical paint system

Wood 1-2 coat

Other system may be specified depending on area of use

Surface Preparation All surfaces must be thoroughly cleaned and free of all dirt, dust, Occasionally an apparently sound old paint will lose adhesion when recoated, particularly if the new paint is darker in color. To avoid this, check the adhesion of the old paint by cutting an 'X' through a clean area of the film with a sharp blade, press cellulose tape firmly across the cut and rip it off. If the old paint comes off with the tape it should be removed before repainting.

Clean Up Clean all equipment with water

Condition during application Apply at a temperature between 10°C and 35°C, Temperature of substrate should be minimum 3°C above the dew point of the air, the temperature and relative humidity should be measured in vicinity of substrate

Storage The product must be stored in tightly closed container and keep container in dry cold, well ventilation space, away from source of heat and ignition.

Handling Handle with care, stir well before use

Packing : 1L, 5L & 20L