



PUFFIN WATERPROOF CLEAR

is a modified acrylic base waterproof emulsion paint with gloss finishing. This product has good waterproofing protection for wall and concrete and othe surfaces.

Features

- Water based
- Modified acrylic paint with outstanding performance resin / latex
- Low Voc
- Formaldehyde Free
- Heavy Metal Free
- APEO Free
- Carbendazim free
- Excellent dirt pick up resistant
- Low Odour
- Excellent waterproofing
- Easy to apply by brush, roller or spray
- Environment friendly

Recommended use

Waterproof coat for wall and concrete

Suitable for new or previously painted interior & exterior concrete masonry, plaster and brickwork and other subsrate

Film thickness and spreading rate	Minimum	Maximum	Typical
Film thickness, dry (um)	30	40	35
Film thickness, wet (um)	79	105	92
Theoretical spreading rate (m ² / l)	12.6	9.5	10.8

Physical properties

Color Clear Transparent

Solids (vol %)* 38+/-2

Flash point Nonflammable

Water resistant Good

Sanding properties Excellent

Application methods

Roller Recommended

Brush Recommended

Spray Use airless spray or conventional spray

Application data

Mixing ratio (volume) The paint is ready to use after proper stirring if thinning is required water may be added up to a maximum of 5%

Thinner/ cleaner Water

Guiding data airless spray

Pressure at nozzle 140-190 kg/cm² (2100psi)

Nozzle tip 0.021"-0.027"

Spray angle 65'-80'

Filter check to ensure that filters are clean

Drying time 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 Puffin waterproof clear 2-3 coat cross application

Other system may be specified depending on area of use

Surface Preparation

All surfaces must be thoroughly cleaned and free of all dirt, dust, grease, loose or flaking paint. Efflorescence or mould on masonry or concrete surfaces must be treated. 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 if

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 size

1 L & 4 L & 20 L

Disclaimer

The information in this data sheet is given to the best of our knowledgebase on laboratory testing and practical experience, however, as the product can be used under condition beyond our control, we can only guarantee the quality of product itself. We also reserve the right to change the given data without notice. Minor product variation may be implemented in order to comply with local requirement

If there is any inconsistency in the text the English (UK) version will prevail.

ISSUED 20 January 2023 by **Puffin**