



tefcote
SURFACE SYSTEMS

PRODUCT NAME	TEFCOTE N4000HRX
Product Function	To provide a biocidally active TEFLON surface with outstanding resistance to, solvents, water, abrasion and soiling.
Packaging	4 Litre
Issue Date - April 2017	

Features

Tefcote N4000HRX is a two-pack premium quality water based coating containing finely dispersed P.T.F.E. It is primarily intended for use as a high grade coating for wet room applications such as food processing, severe duty kitchens, shower units etc. and areas that are affected by solvents, chemicals, physical damage, bacteria. The coating is ideal for use in high hygiene demand areas. The product is characterised by good resistance to weathering, yellowing and UV exposure. The product has ideal anti-graffiti properties.

Technical Data

Ref No. JDLT 040191/7

Density, Base:	1.25	Mix 3 parts volume base with
Hardener:	1.09	1 part volume hardener before use.
Pot life:	2 hours at 20 deg C. DO NOT EXCEED POTLIFE.	
Application Temperature:	(Includes substrate) 8 - 30 deg C	
Maximum Relative Humidity:	85%	
Volume Solids:	ca 40%	
Typical D.F.T.:	ca 50 microns per coat	
Theoretical Coverage:	5 - 8 square metres per litre	
Biocide Approvals:	EPA No's. 10466-27 and 6922-19-10466	
Flash Point:	Not applicable. Waterborne.	
Contains biocide:	Yes	
Micro-porous:	Yes	
Colour range:	BS4800	

Accreditation

Ref No. KH 303091/7

EEC Food Safety Regulation	Complies to EEC 43/93 standards (CCFRA).
BS 476 part 7- Spread of Flame:	Class 1.
BS 476 part 6- Combustion:	Class 0.
BS 148 part 6- Impact Resistance:	Hammer test. Surface free from cracks and delamination.
ASTM D2486- Abrasion resistance:	Coating intact after 10.000 oscillations.
BS 3900- E1- Flexibility:	¼ inch bend test. Coating intact, free from crazing.
BS 3900- G6- Fungicidal effect:	Surface growth test. Surface free from growth.

Reinforcements

Ref No. KH 303091/7

Tefcote Topcoats can be reinforced with Tefcote Matrix membranes, as per the Tefcote Specification Sheet to give added mechanical resistance and prevent flaking, peeling and crazing finishes over time. Reinforcements are a cost effective alternative to tiles and cladding.

Basecoat only:	Specification 1	Basecoat and topcoat application, medium duty / moist.
Standard Matrix:	Specification 2	Standard Matrix 30gms/sqm reinforcement, wet rooms etc.

Preparation

Ref No. KH 303091/7

Surfaces must be clean and dry prior to application of the topcoat. Moisture content less than 10%. Remove bits and other impurities with a clean lint free cloth prior to application. Use and store at temperatures between 10 - 25 deg C. Storage period six months. Note: The temperature of this product must not fall below 5 deg C.

Finishing

Ref No. KH 303091/7

Application - Tefcote N4000HRX Topcoat may be applied by the following methods:-

BRUSHING / ROLLING

The topcoat is supplied at a ready for use viscosity. A quantity of water (10-15%) may be added if required to obtain a suitable viscosity at application temperature.

CONVENTIONAL SPRAYING

Thinning may be carried with water, added up to 10% by volume to obtain a suitable viscosity at application temperature.

AIRLESS SPRAYING

Most types of industrial airless spray equipment are suitable, pressure 176/211 kgs/cm² - 2500-3000 psi. Tip size 11 - 19 thou. Up to 15% water may be added.

Immediately before use mix 3 parts by volume base with 1 part by volume hardener. Mix thoroughly for min. 5 minutes. A power drill (Max. 300 RPM) is recommended.

Pot life of 2 hours must not be exceeded because film formation will not occur - mix only sufficient for immediate requirements.

Air Drying

Ref No. KH 303091/7

At an ambient temperature of 20 deg C, 70% RH:-

- Overcoating 8-12 hrs.
- Surface dry 12 hrs
- Hard dry 24 hrs
- Full properties 7 days

COSHH Material Safety Data

Ref No. KH 303091/7

Tefcote N4000HRX is a non-flammable product, classified as "Harmful" under the Chemical (Hazard Information and Packaging) Regulations (CHIP Regs.) 1993.

R20/21/22 Harmful in contact with skin, inhalation and if swallowed.

R36 Irritating to eyes.

S25 Avoid contact with eyes.

S38 In case of insufficient ventilation and when spraying wear suitable respiratory equipment.

S36/37 Wear suitable protective clothing and gloves.

Liquid gel; Density 0,96 - 1,20; Waterborne contains bisphenol and cyclo-aliphatic amine. UN (SI) number 1263; classification under ADR/RID or IMDG (road, rail or sea classification) is not applicable.

INFORMATION PROVIDED IN THIS LEAFLET IS GIVEN IN GOOD FAITH ON THE UNDERSTANDING THAT USERS SATISFY THEMSELVES ABOUT THE PRODUCTS SUITABILITY FOR THEIR OWN PURPOSE.

ANY SALE BY THIS COMPANY IS STRICTLY SUBJECT TO OUR CONDITIONS OF SALE.

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