

TECHNISPRAY PAINTS LTD.

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TECHNICAL DATA SHEET

KOLORBOND® KOLORKLAD

This Paint is for professional use only

PRODUCT DESCRIPTION

Kolorbond® Kolorklad is a single pack Thermoplastic Acrylic coating which can be applied directly onto a variety of substrates including metals, GRP and hard plastics. If in doubt or unknown substrate, confirm suitability by small scale painting trial.

It can be applied with all types of spraying equipment and can be brush or roller applied.

PRODUCT GROUP

Kolorklad is available in gloss level 10%
Kolorklad Thinners

APPLICATION

POT LIFE N/A

VISCOSITY Thixotropic liquid 0.4 to 4.0 poise (ICI)

SPRAY PRESSURE HVLP 25-30psi (2 bar) NOZZLE 1.4mm

TOTAL FILM BUILD 25 microns dry
60 microns wet

FLASH OFF between coats 10 to 15 minutes

DRYING @ 20°C dust free 20 min (depending on film build, temperature, humidity and air flow)

COVERAGE 12 to 16m² per litre (25 micron dry film thickness)

SUBSTRATE PREPARATION

Cast iron and steel – abrade with 120 free cut
GRP – abrade with 320 free cut
Aluminium and light alloys – abrade with 320 free cut
Galvanised & Phosphated steel – abrade with Scotchbrite or 320 free cut
PVCu & hard plastics– abrade with Scotchbrite
Glass – Thoroughly clean with Windowprep
PVCu must also be thoroughly cleaned with Windowprep

All substrates must be thoroughly cleaned and degreased

TECHNICAL

SPECIFIC GRAVITY @ 20 °C 0.9 to 1.20 g/ml

FLASH POINT 23 to 32°C (method ISO3679)

VOC 420 g/litre (dependant on colour)

SOLID CONTENT 35% +/- 5% by weight (dependant on colour)

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NB. HSE now insist that operatives involved with the spraying of 2 pack isocyanate paints must wear an air fed spray mask and protective gloves.

CLEANING OF EQUIPMENT

Clean spray equipment regularly with any proprietary gun cleaning solvent. Spray guns

and pots must be cleaned as required between colours using any proprietary cleaning apparatus.

STORAGE CONDITIONS

Containers must not be exposed to direct sunlight or temperatures above 50° C. Store away from oxidizing agents. Avoid exposure to sources of heat or ignition. Static electricity may result in build-up that may cause a flash fire or an explosion. Keep containers tightly closed.

FIRST AID PRECAUTIONS

For inhalation, move the exposed person to fresh air at once. Get medical attention immediately.

For breathing difficulties, oxygen may be necessary. If rapid recovery does not follow, apply artificial respiration as necessary.

For ingestion, do not induce vomiting. Obtain medical attention immediately.

For skin contact, wash the skin immediately with soap and water. Use a moisturiser. Get medical attention if any discomfort continues.

For eye contact, flush with plenty of water for several minutes. Continue to rinse for at least 15 minutes. If irritation persists, refer for medical attention.