

# TECHNISPRAY PAINTS LTD.

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## TECHNICAL DATA SHEET

### KOLORBOND® K2

#### PRODUCT DESCRIPTION

**Kolorbond® K2** is a two pack PU coating which can be applied directly onto a variety of substrates including metals, GRP and hard plastics.

It can be applied with all types of spraying equipment and, in its brushable format, can be brush or roller applied.

#### PRODUCT GROUP

**Kolorbond K2** is available in 4 gloss levels, 10%, 30%, 50% and 70%  
**K2 Hardener, K2 Thinners, K2 Accelerator, K2 Retarder, K2 G-pro**

#### MIXING RATIO (by Volume)

<b>Kolorbond K2</b>	5 parts	<b>K2 Hardener</b>	1 part
By weight	7 parts		1 part

#### APPLICATION

POT LIFE 2 - 3 hours @ 20°C

SPRAY VISCOSITY 20-25 seconds @ 20°C DIN 4

SPRAY PRESSURE HVLP 25-30psi (2 bar) NOZZLE 1.8mm

TOTAL FILM BUILD 80 micron dry (max)

FLASH OFF between coats 15 minutes

DRYING @ 20°C dust free 1 hour, hard 16 hours @ 50°C hard 1 hour  
Drying can be accelerated by adding **K2 Accelerator** (2%)

COVERAGE 14m<sup>2</sup> per litre (30 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

PVCu & hard plastics– abrade with Scotchbrite

Glass – Thoroughly clean with Windowprep, add 75ml of G-pro to mixed paint

All substrates must be thoroughly cleaned and degreased

PVCu must also be thoroughly cleaned with Windowprep

## **TECHNICAL**

SPECIFIC GRAVITY @ 20 °C	Kolorbond K2	1.3 g/cm <sup>3</sup>
	K2 Hardener	1.0 g/cm <sup>3</sup>

FLASH POINT 23°C (method ISO3679)

VOC 520-550 g/l (dependant on colour)

SOLID CONTENT 60-65% by weight (dependant on colour)

## **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.