## **DATA SHEET**

# DATE 01.10.11 VERSION 01



## **DUKKABOARD** XL

### PRODUCT CHARACTERISTICS

SOLVENT FREE
BINDS DUST
SUITABLE FOR
HEATED SUBSTRATES

#### **GENERAL PRODUCT DESCRIPTION**

Fast setting, waterproof extra strong adhesive.

Dukkaboard XL Extra Strength Polyurethane Adhesive is 100% waterproof and will bond to most common building substrates.

It can be applied horizontally or vertically to tile backer boards, walls or battens/beams and gives exceptionally high bond strength .

The product foams slightly on application to fill any small gaps on uneven surfaces and is resistant to most chemicals.

## PRODUCT USAGE

- Bonds wood, concrete, aluminium and plastic in both interior and exterior applications.
- Secures panels in sandwich constructions.
- Ideal for bonding window and door frames, staircases and aluminium profiles.

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#### PREPARATION OF SUBSTRATES

For optimum curing it is necessary that one of the surfaces is porous. Ensure that the surfaces to be bonded are dry and free from dust, grease and any loose material.

## **Application**

Apply at room temperature. Gun the adhesive to one of the surfaces to be bonded. Put both surfaces together immediately applying firm pressure without movement. It will set firm within 5 to 10 minutes. Full bond strength is achieved after approximately 24 hours.

### **Finishing**

Remove any hardened adhesive mechanically. It is the user's responsibility to dispose of all packaging correctly.

## TECHNICAL DATA

Basis	PU
Application temperature	5°C - 30°C
Density	1,12 g/ml
Solids	100%
Open time (23°C/65% RF)	5 mins
Hand tight after (23°C/65% RF)	20 mins
Final adhesion after (23°C/65% RF)	24 hours
Usage	250-400 g/m <sup>2</sup>
Shelf life (stored between 5°C - 25°C)	12 months
Temperature resistance after curing	-30/+80 °C
Water resistance after curing	DIN 68602 D4
Mechanical properties 2mm film	
Tensile strength (wood to wood 40 kg/cm²)	10 mins
Tensile strength (wood to wood 80 kg/cm²)	30 mins
Tensile strength (wood to wood 130 kg/cm²)	24 hours

### **HEALTH & SAFETY**

### Harmful

Contains Diphenylmetane diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Keep out of reach of children. Do not breathe vapour. Wear suitable protective clothing and gloves. In case of accident or you feel unwell, seek medical advise immediately (show the label where possible). If swallowed, seek medical advice immediately and show the container or label. In case of accident by inhalation: remove casualty to fresh air and keep at rest. Contains isocyanates. See information supplied by the manufacturer. Tactile warning applicable. Dispose of empty packaging correctly.

## Limitations

Amongst others not recommended for locations subject to continuous water emersion. Not suitable for use with aquaria. Do not use below 5°C. Foam formation of the adhesive as a result of insufficient pressure or an insufficient fit leads to a decreased end strength. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

## Liability

The information given is the result of our tests and experience and is believed to be accurate and reliable. However as Siroflex Limited cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.