

# RUBBER CRUMB BINDER 2K

## DESCRIPTION

Two component liquid aromatic polyurethane mixing ratio 1:8 composition. Suitable for recycled rubber crumb binding, obtaining a compact and cost-effective elastomeric binder, for use in a variety of applications (running track fields, children play grounds .tramway noise dampening, etc.). Best suited for on-site applications ,

- Low viscosity. Good wetting properties
- Low colour
- Good mechanical and elastic properties. Good tear resistance

**WARNING :** Good mixing is very important so that the quality does not differ from one site to another



Colour	Yellowish
Hardness	(shore) 87A
Density of film	1,05 g/cm <sup>3</sup>
Mechanical properties	Elongation: 190% Stress (mPa): 6.1 MPa
.Tear strength	6,1 N/mm

UV resistance A colour change is expected due to its aromatic polyurethane composition. This discolouration .does not affect its mechanical properties

.Chemical resistance Permanent contact (worst, 5=best=0)



## TECHNICAL DATA

### INFORMATION ON THE PRODUCT BEFORE APPLICATION

Physical state	Liquid
Chemical description	TWO-component aromatic polyurethane
,Packaging	Metal containers a 250 KG + 31.2 KG Hardener OR 2.69kg Hardener + KG 21.5
Non-volatile content (%)	100%
(Flash point	>120°C (ASTM D 93
Available colour	Light yellow
(Density	1,05 g/cm <sup>3</sup> (20°C
,CONSUMPTION	1.5 – 2 kg/m <sup>2</sup> depending on the porosity of the subfloor



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## Polyurethane binder for rubber crumb

### CURING TIME

Curing time is dependent on the environmental conditions. Curing rate increases with temperature and humidity rises. The following table gives a rough estimation of the curing time under diverse conditions for a 1 mm coat

Temperature (C)°	(%) RH	Dry to touch (h).t
20	50	6
20	70	3
20	15	40
5	60	20
5	85	7

Hot Curing : Temperature 130°–200° Dry to touch in 2–3 minute

### RETURN TO SERVICE

At usual conditions, the rubber flooring is resistant to light traffic after .hours. It is recommended to open to general use after 6–7 days 48

### TOOL CLEANING

Liquid Rubber Crumb Binder can be cleaned with Rayston Solvent. Once .hardened, it cannot be dissolved

### SAFETY

Rubber Crumb Binder contains isocyanates. Always follow the instructions provided in the material safety data sheet and take the precautions described there. As a general rule, a suitable ventilation must be ensured and all contact with skin prevented.. This product is intended to be used only for the uses and in the way here described. This product is to be used only by industrial or .professional users. It is not suitable for DIY–type uses

