



Sikafloor® 400 Elastic

Coloured High Elastic Polyurethane Coating

Technical Data Sheet

DESCRIPTION

Sikafloor 400 Elastic is a one component low solvented coloured high elastic polyurethane coating for internal or external floors and containment tanks.

USES

- * Balconies/terraces.
- * Staircases.
- * Bund linings.
- * Storage areas.
- * Walkways.
- * Process areas.
- * Concrete and masonry containment tanks/bunds.
- * Manufacturing process areas.
- * Roofs

ADVANTAGES

- * One component.
- * Good chemical resistance.
- * Crack bridging.
- * Waterproof.
- * Easy application.
- * UV resistant.
- * Weather resistant.
- * Slip resistant.
- * Good abrasion resistance.
- * Fast drying.
- * Durable.
- * Easily maintained.
- * Non yellowing.

Technical Data (typical)

Colour: Refer to colour chart and price list
Density (SG): Approx 1.6 kg/litre
Volume solids: Approx 77%
Application temperatures & humidity conditions: +10°C min, +30°C max (Substrate and ambient)
 RH 80% max
 +3°C above dew point

Substrate M.C. & RH ≤4% by Wt or ≤75% RH

MECHANICAL PROPERTIES:

Layer thickness: 0.3 - 2.0 mm

Elongation at break: 320% @ 23°C

Abrasion resistance: 30 mg (Taber)

CHEMICAL RESISTANCE:

(Consult Sika Ltd for additional information) Water, diesel, fuel, transformer oil, mineral oils.

Additional application information:

Waiting time between primer coats:

	+10°C	+20°C	+30°C
min	36 hrs	24 hrs	12 hrs
max	6 days	4 days	2 days

Between coats:

Min	1 day	6-8 hrs	5-6 hrs
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Final drying times:

Foot traffic:	-	7 hrs	-
Fully serviceable:	-	7 days	-

All above values are approximate.

SYSTEM TABLE

Use / Product	Light Wear	Medium Wear	High Wear	With coloured flake surface design	With coloured quartz surface design
Primer	1 x Sikafloor 400 Elastic +10% Thinner C	1 x Sikafloor 156 0.3 - 0.6 kg/m ²			
Broadcast	-	-	Broadcast to excess with quartz sand	-	Broadcast to excess with coloured quartz sand (0.3-0.8 mm) to suit
Coating Sikafloor 400	0.4-0.6 kg/m ²	0.6-1.2 kg/m ²	1.5 kg/m ²	0.6-1.2 kg/m ²	0.6-1.2 kg/m ²
Decorative effect	-	-	-	Sprinkle with coloured flakes to suit	-
Matt Sealer	-	-	-	1-2 x Sikafloor 410 Elastic	

