



Technical Data Sheet

ENFORCER SPORT QW 2012 Polyol / ENFORCER SPORT QV 1001 Isocyanate

Description

Solvent free, two component polyurethane adhesive.
Use for bonding jointing strips between panels of synthetic grass sheets.

Typical Component Properties

	Units	ENFORCER SPORT QW 2012 Polyol	ENFORCER SPORT QV 1001 Isocyanate	Test Method
Colour		Green	Brown	
OH-number	mgKOH/g	46		ASTM D4274
NCO content	%		31.3	ASTM D5155
Viscosity brookfield, 25°C RVT D7 V10	mPa.s	Pasty	190	ASTM D4878 / ASTM D4889
Specific gravity, 20°C	g/cm ³	1,76	1.23	ISO 2811

These are typical values and should not be construed as specifications.

Recommended Process Conditions

Polyol component needs to be well homogenous before use.
Mix the two components together, and to apply the glue use a notched trowel for an excellent rib formation.

	Units	Limits
Mixing Ratio	pbw	100 : 12,5 (Polyol : Isocyanate)
Component Temperature ⁽¹⁾	°C	10 – 30

1. Typical range

Typical Reaction Characteristics

	Units	Value	Method
Open Time at 20°C ⁽²⁾	min	75	Lab method
Drying time at 20 °C ⁽²⁾	hours	8	Lab method
Viscosity (mixed) at 25°C RVT D7 V50	min	27000	ASTM D4878

2. Components at 20°C in pot on 120g. Test condition: 20 °C, 50% rel.H.

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Handling and Storage

	Units	ENFORCER SPORT QW 2012 Polyol	ENFORCER SPORT QV 1001 Isocyanate
Storage temperature	°C	10-30	10-30
Storage stability / Shelf life ⁽³⁾	months	12	12

3. Stored in the original sealed drums in a dry place at the recommended temperature

Typical Polymer Properties

	Units	Limits	Test Method
Shore hardness	ShA/1	85	ISO 868
Tensile strength	M/mm ²	6	ISO 527
Elongation at break	%	42	ISO 527
Shear strength	N/mm	30	DIN 53515

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