



VIP Polyurea Guide

	Pure Polyurea Coatings					Polyurea Hybrid Coatings		Joint Sealants		
	QuickSpray Industrial	QuickSpray Supreme W	QuickSpray Supreme S	QuickSpray Top Coat	QuickSpray Cartridge	QuickSpray Eco	QuickRoll Roofing	QuickFill SL self levelling	QuickFill NS non-sag	
Setting time	5-15 secs	5-15 secs	6-8 mins	20-30 mins	15-30 secs or 8-10 mins	5-15 secs	60 min.	6-8 mins	3-5 mins	Verarbeitungszeit
Back in service time (hrs.)	1h	1h	1,5h	12h	1h	1h	4-5h	1h	1h	Zurück zum Service (Std.)
Tensile strength (N/mm²)	23,9	23,5	23,9	14,5	21,9	20,5	9,0	13,1	26,2	Zugfestigkeit (Mpa)
Elongation (%)	380	360	350	180	350	500	300	450	350	Dehnung (%)
Shore A hardness (Sh-A)	~ 95	~ 90	~ 90	~ 85	~ 80	~ 90	~ 60	~ 80	~ 90	Shore A Härte (Sh-A)
Pull-off adhesion to concrete (Mpa)	> 1,5 MPa	> 1,5 MPa	> 1,5 MPa	> 1,5 MPa	> 1,5 MPa	> 1,5 MPa	> 1,5 MPa	> 1,5 MPa	> 1,5 MPa	Haftzugwert auf Beton (Mpa)
Pull-off adhesion to steel (Mpa)	> 8 MPa	> 8 MPa	> 8 MPa	> 8 MPa	> 8 MPa	> 8 MPa	--	> 8 MPa	> 8 MPa	Haftzugwert auf Stahl (Mpa)
Max application rh%	100%	100%	100%	80%	100%	80%	80%	100%	80%	Max Verarbeitungsluftfeuchte rF%
Operating temperature (ambience)	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	Verarbeitungstemperatur (Umgebung)
Operating temperature (substrate)	+5°C/+80°C	+5°C/+80°C	+5°C/+80°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	+5°C/+50°C	Verarbeitungstemperatur (Substrat)
Operating temperature (Polyurea)	+70°C/+80°C	+70°C/+80°C	+70°C/+80°C	~ 20°C	~ 23°C	+70°C/+80°C	~ 21°C	~ 20°C	~ 21°C	Verarbeitungstemperatur (Polyurea)
Temperature resistance	-50°C/+150°C	-50°C/+150°C	-50°C/+150°C	-30°C/+120°C	-30°C/+120°C	-30°C/+120°C	-30°C/+150°C	-30°C/+120°C	-30°C/+120°C	Temperaturbeständigkeit
Max moisture content (concrete)	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	Max Restfeuchte (Beton)
Moisture insentitivity	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	No / Nein	No / Nein	Yes / Ja	Yes / Ja	Feuchtigkeitsunempfindlichkeit
Recommended thickness	> 1.5mm	> 1.5mm	> 1.5mm	> 0.25mm	> 1.5mm	> 1.5mm	> 2mm	na	na	empfohlene Schichtdicke
Coverage rate @ 1m², 1mm	1,08kg	1,07kg	1,09kg	0,28kg	1,08kg	1,08kg	1,27kg	depends on joint size		Verbrauchsformel @ 1m², 1mm
Chemical resistance	Very good	Excellent	Very good	Very good	Good	Good	Average	Very good	Good	Chemical resistance
Taber Abrasion	< 6mg	< 6mg	< 6mg	< 6mg	< 8mg	< 10mg	< 20mg	na	na	Taber Abrieb
Sound-absorbent @ 2mm	> 10db (A)	na	> 10db (A)	na	> 8db (A)	na	na	na	na	Schalldämmung @ 2mm
UV stability	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	Yes / Ja	UV Stabilität
Colour stability	No / Nein	No / Nein	No / Nein	Yes / Ja	No / Nein	No / Nein	Yes / Ja	No / Nein	No / Nein	Farbstabilität
Application method	Hot Spray / High pressure	Hot Spray / High pressure	Hot Spray / High pressure	Brush, Roller / Airless	Cold Spray / Low pressure	Hot Spray / High pressure	Manual / Airless	Manual / Airless	Manual / Airless	Applikationsmethode
Typical applications	Industrial & chemical processing	Potable Water, Water industry	Flooring, broadcasting, non-slid	Colour stable finish, horizontal	Repairs, bedliners, small projects	Roofing, tunnels, bridges, decks	New & refurb roofing	Horizontal joints & crack repairs	Vertical joints & crack repairs	Typische Applikationen
	Industrie-beschichtung	Abwasser/ Trinkwasser-Infrastruktur	Boden, Einstreuung, Rutschhemmend	Farbstabile Versiegelung, horizontal	Reparaturen, Kleinflächen, Ladeflächen	Dächer, Infrastruktur	Dachneubau, Dachsanierung	Horizontale Fugen & Reparaturen	Vertikale Fugen & Reparaturen	

Technical alterations excepted. No responsibility is taken for the correctness of this information!

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Technische Änderungen sind vorbehalten. Alle Angaben ohne Gewähr!