

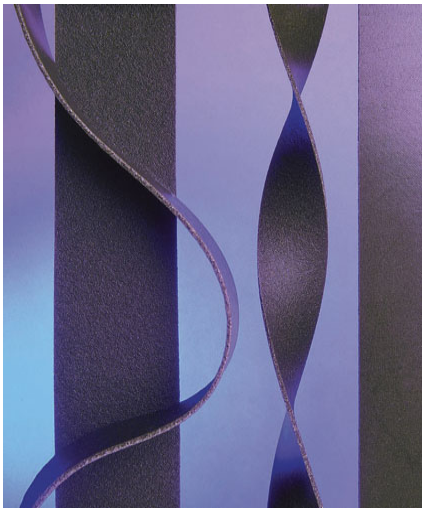
Revacryl R 387 & AE 2091 for 2K waterproofing membrane

Application

- 2K waterproofing membrane
- Universal primer

Features

- Styrene Acrylic dispersion
- Excellent waterproofing properties
- Excellent adhesion to mineral substrates
- Good crack bridging property
- APEO-free & Formaldehyde-free



Typical Physical Properties	Revacryl R 387	Revacryl AE 2091	Competitor
TSC [% by weight]	57.	57	57
pH	7.0	8.0	8.0
Brookfield viscosity [mPas]	1500	300	1400
MFFT [°C]	0	0	0
Tg [°C]	-2	-11	-8

Performance Polymer film	Revacryl R 387	Revacryl AE 2091	Competitor
Elongation at F _{max} , % 3 days RT drying	2700	2600	1920
Tensile Strength at F _{max} , mPA.s 3 days RT drying	0.50	0.45	0.46
Water uptake, % 1 day	12	14	10

Guide Formulation – 2K waterproofing membrane

Item	Chemical	Function	Part by weight
1	Polymer Dispersion (s.c. 57%)		480.0
2	BYK 037	Antifoam	4.0
3	Cement CEM I 42.5 R	Cement	345.0
4	Plastorit Micro	Mica	150.0
5	Peramin® CONPAC 149S	Plasticiser	2.0
	TOTAL		1000.0

Performance – 2K waterproofing membrane	Revacryl R 387	Revacryl AE 2091	Competitor
Potlife @ 40°C, minutes	25	> 30	25
Tensile strength, N/mm ²			
14d RT drying	2.05	1.60	1.82
14d RT drying + 14d in H ₂ O	1.12	0.63	1.02
7d RT drying + 4d in H ₂ O + 3d RT drying	1.56	1.43	1.52
Elongation at F _{max} , %			
14d RT drying	230	210	205
14d RT drying + 14d in H ₂ O	330	190	570
7d RT drying + 4d in H ₂ O + 3d RT drying	170	460	230
Water uptake, % 7 days	< 8	< 10	< 8
Pull off adhesive, MPa	1.73	1.70	1.64

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