



2K Epoxy-floor coating
self-leveling, solvent-free
various hardeners

Basis Epoxy resin

	Guide Formulation of IMCD	CON-957-VIE	CON-961-VIE
Component A	-- part 1 --		
	Itapox 127 (1)	67.55	67.55
	Disperbyk-2155 (2)	0.20	0.20
	Byk-1852 (2)	0.30	0.30
	-- part 2 --		
	Sicopal Black L 0095 (3)	1.30	1.30
	Billions R-996 (4)	5.10	5.10
	SILLITIN Z 86 (5)	25.30	25.30
	-- part 3 --		
	Byk-P 104 S (2)	0.15	0.15
	Byk-350 (2)	0.10	0.10
	Total parts by weight	100.00	100.00
Component B	Itamine CA488LV (1)	33.80	
	Itamine CA60 (1)		40.50
	Total parts by weight	133.80	140.50

Mixing

Component A Mix part 1 at 3 m/s for 10 min
 Add part 2 and grind for 15 minutes at 8 m/s with the appropriate quantity of glass beads
 Add part 3 and mix at 5 m/s for 10 min

Application Mix components A and B for 5 min at 2 /ms

Suppliers

- (1) ddchem
- (2) Byk Chemie
- (3) Sun Chemical
- (4) LB Group
- (5) HOFFMANN MINERAL



CON-957-VIE

CON-961-VIE

Properties

Pot life time	h	2.36	2.44
Dust-dry time	h	3.15	4.01
Tack-free time	h	7.08	11.10
Pendulum hardness	1d	61	34
	3d	71	70
	7d	120	161
Brookfield viscosity			
Component A	Pa·s	42.5	42.5
(RV06, 10 U/min, 23 °C)			
Component A + B	Pa·s	1.425	1.980
(SC4-29, 10 U/min, 23 °C)			
Impact test			
(Weight 1 kg, DFT 80 µm)	cm	50	20
Conical mandrel bending test			
(DFT 80 µm)	cm	3	19
Gloss 85°	GU	98	95

Chemical resistance of formulation CON-961-VIE

Chemical / Solvent	Visual rating immediate	Visual rating after recovery	Surface change in color
Acetone	4	3	slight change
Demineralized Water	5	5	no change
Detergent	5	5	slight change
Coffee black	5	5	slight change
Methyl isobutyl ketone (MIBK)	5	4	slight change
Ammonia 25 %	5	5	slight change
Hydrochloric acid 37 %	5	5	no change
Acetic acid 100 %	5	4	slight change

Evaluation: 1 = bad 5 = excellent

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