

Epoxy Self-leveling Top coat Datasheet

No#	Project		Data
1	Sample in the container		The mixture is smooth with no lumps after stirring
2	Film appearance		OK
3	Drying time	surface dry	5h30min
		full dry	11h30min
4	Shore Hardness (Type D)		86.2
5	Tensile bond strength	Standard conditions	6.3Mpa
		After immersion	4.3Mpa
6	Compressive strength		94.5Mpa
7	Wear resistance(750g/500r)		0.030g
8	Impact resistance		1000g steel ball, 100cm high, with no cracks or peeling on the coating
9	Anti slip performance (dry friction coefficient)		≥ 0.55
10	Water resistance (168h)		No bubbles, no peeling, slight discoloration
11	Chemical Resistance	Oil resistance (120 # solvent)	No bubbles, no peeling, no discoloration
		Gasoline)	
		Alkali resistance (20% NaOH, 72 hours)	No bubbles, no peeling, no discoloration
		Acid resistance (10% H ₂ SO ₄)	No bubbles, no peeling, slight Color change
12	Average coefficient of surface resistance		10 ⁸

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Epoxy self leveling Primer Datasheet

No#	Project		Data
1	Sample in the container		The mixture is smooth with no lumps after stirring
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		full dry	11h30min
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11	Chemical Resistance	Oil resistance (120 # solvent)	No bubbles, no peeling, no discoloration
		Gasoline)	
		Alkali resistance (20% NaOH, 72 hours)	No bubbles, no peeling, no discoloration
		Acid resistance (10% H2SO4)	No bubbles, no peeling, slight Color change

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Epoxy putty Datasheet

No#	Project		Data
1	Sample in the container		The mixture is smooth with no lumps after stirring
2	Film appearance		OK
3	Drying time	surface dry	5h30min
		full dry	11h30min
4	Shore Hardness (Type D)		86.2
5	Tensile bond strength	Standard conditions	6.3Mpa
		After immersion	4.3Mpa
6	Compressive strength		94.5Mpa
7	Wear resistance(750g/500r)		0.030g
8	Impact resistance		1000g steel ball, 100cm high, with no cracks or peeling on the coating
9	Anti slip performance (dry friction coefficient)		≥ 0.55
10	Water resistance (168h)		No bubbles, no peeling, slight discoloration
11	Chemical Resistance	Oil resistance (120 # solvent)	No bubbles, no peeling, no discoloration
		Gasoline)	
		Alkali resistance (20% NaOH, 72 hours)	No bubbles, no peeling, no discoloration
		Acid resistance (10% H ₂ SO ₄)	No bubbles, no peeling, slight Color change

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Epoxy Mortar base coating Datasheet

No#	Project		Data
1	Sample in the container		The mixture is smooth with no lumps after stirring
2	Film appearance		OK
3	Drying time	surface dry	5h30min
		full dry	11h30min
4	Shore Hardness (Type D)		86.2
5	Tensile bond strength	Standard conditions	6.3Mpa
		After immersion	4.3Mpa
6	Compressive strength		94.5Mpa
7	Wear resistance(750g/500r)		0.030g
8	Impact resistance		1000g steel ball, 100cm high, with no cracks or peeling on the coating
9	Anti slip performance (dry friction coefficient)		≥0.55
10	Water resistance (168h)		No bubbles, no peeling, slight discoloration
11	Chemical Resistance	Oil resistance (120 # solvent)	No bubbles, no peeling, no discoloration
		Gasoline)	
		Alkali resistance (20% NaOH, 72 hours)	No bubbles, no peeling, no discoloration
		Acid resistance (10% H2SO4)	No bubbles, no peeling, slight Color change

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Super-abrasion resistant polyurethane paint Datasheet

No#	Project		Data
1	Sample in the container		The mixture is smooth with no lumps after stirring
2	Film appearance		OK
3	Drying time	surface dry	≤4,OK
		full dry	≤24,OK
4	Pencil hardness (scratches)		6H
5	Adhesion		0
6	Wear resistance		6H
7	Impact resistance		1000g steel ball, 100cm high, no cracks or peeling on the coating
8	Water resistance (168h)		No bubbles, no peeling, no discoloration
9	Chemical Resistance	Oil resistance (120 # solvent Gasoline,72H)	No bubbles, no peeling, no discoloration
		Acid resistance (10% H ₂ SO ₄ , 48 hours)	No bubbles, no peeling, no discoloration
		Alkali resistance (20% NaOH,72H)	No bubbles, no peeling, no discoloration
10	Anti slip performance (dry friction coefficient)		0.75

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Polyaspartic Garage Floor Top Coating Data Sheet

Product Name			Polyaspartic Garage Floor Coating- Type A (T23090189)
Main Raw Material			Polyaspartic polyurea resin
No#	Project		Data
1	Drying time	surface dry	2H, can be walked by people
		full dry	3 days ,Also affected by local temperature
2	Tensile strength (500±50)		21.89
3	Elongation at break (500±50)		525
4	Tearing strength (500±50)		78
5	Bending at low temperature		-35℃, no cracks
6	Impermeability		0.3MPa,120min, No permeability
7	Water absorption rate %		1.9
8	Bond strength (Under standard experimental conditions, MPa)		3.20 (Substrate Failure)
9	Acid treatment (2% H ₂ SO ₄ solution 7d)	Tensile strength retention rate %	77
		Elongation at break %	632
		Bending at low temperature	-30℃,no cracks
10	Alkaline treatment [0.1% NaOH solution +saturated	Tensile strength retention rate %	78
		Elongation at break %	598
		Bending at low temperature	-30℃,no cracks
11	Salt treatment (3%NaCl solution ,7d)	Tensile strength retention rate %	79
		Elongation at break %	603
		Bending at low temperature	-30℃,no cracks
12	Artificial climate aging (2745h)	Apperance	No cracks
		Tensile strength retention rate %	92
		Elongation at break %	567
		Bending at low temperature	-30℃,no cracks
13	Water resistance (indoor temperature 14d)		No cracks, no layering, no sticking, no foaming, no breakage
14	Wear resistance (750g/500r) ,mg		14
15	Impact resistance,1.0kg.m		No damage

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Polyaspartic Garage Floor Top Coating Data Sheet

Product Name		Polyaspartic Garage Floor Coating- Type B (GB21008)	
Main Raw Material		Polyaspartic polyurea resin	
No#	Project	Data	
1	Solid content	99.50%	
2	Gelation Time	22s	
3	Surface dry time	38s	
4	Tensile strength	19.1Mpa	
5	Elongation at break %	621%	
6	Tearing strength	57N/mm	
7	Bending at low temperature	-40℃,no cracks	
8	Bonding strength	2.8MPa	
9	Acid treatment	Tensile strength retention rate %	107%
		Elongation at break %	613%
		Bending at low temperature	-35℃,no cracks
10	Alkaline treatment	Tensile strength retention rate %	96%
		Elongation at break %	605%
		Bending at low temperature	-35℃,no cracks
11	Hardness	90	
12	Wear resistance	8mg	
13	Impact resistance	1.2kg.m	

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