



Your Reliable Point-Repair Products Provider.



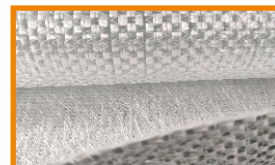
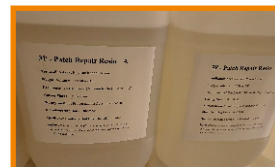
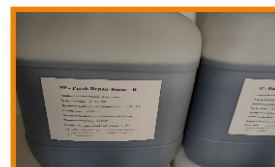
RESIN GLASSFIBER

A reinforced fiberglass line impregnated with a special resin establishes a mechanical bond to the host pipe, eliminating water infiltration and creating structurally rehabilitated repair. Pipes made of clay, cast, PVC, wood, etc., can now be structurally repaired in hours without disrupting traffic or sewer flow.

Resin Technical Parameters		
Item	Component A	Component B
Appearance	Transparent or pale yellow	Brown
Viscosity at 25°C (mpa.s)	350-750	250-600
Density (g/cm ³)	1.52	1.2
Flash Point	>200°C	>200°C
Volume per set	15.5kg/10l	24.5kg/20l
Product Storage Period	12 months	12 months

Reliance Silicate Resin Type	
SUMMER	Pot life + Curing time@22 deg Celsius:20+1h20mins
WINTER	Pot life + Curing time@22 deg Celsius:15+45mins
EXPRESS	Pot life + Curing time@22 deg Celsius:10+30mins

Mechanical Test	Test Result
Bending Strength (Mpa)	142
Flexural Modulus (Mpa)	9215
Compressive Strength (Mpa)	164



Glassfiber Technical Parameters				
Code	Total Area Weight	Woven Roving Layer	Chopped strands Layer	Polyester Thread
	(g/m2)	(g/m2)	(g/m2)	(g/m2)
EMK600/450	1060.71	600	450	10.71
EMK800/300	1110.71	800	300	10.71
EMK800/450	1260.71	800	450	10.71

1. Gather necessary tools: a measuring cup, scraper, mixing bucket, and stirrer.
2. Cut the fiberglass to fit the repair pipes of different diameters.
3. Mix resin A and B in a 1:2 volume ratio using a measuring cup to prepare the cured repair resin. Once the repair resin is mixed, quickly and evenly stir it (we recommend using an electric mixing tool for this step).
4. Promptly pour the evenly stirred repair resin onto the fiberglass (do not store it in a bucket), and use a scraper to evenly spread the resin mixture (1.5 ~2 kg per square meter of fiberglass).
5. Achieve the designed thickness of the repair material by folding (fold a minimum of 3 layers). Ensure that the resin thoroughly penetrates the fiberglass by applying resin with each fold.

Table. Recommended Fiberglass and Resin Dosage for Pipes of Varying Diameters

DN	Glassfiber (38 Meters and 50 Kgs per Roll)				Resin (Volume RatioA:B=1:2)			
	Length (cm)	Width (cm)	Area (square meter)	Repair Points per Roll	Resin A (mL/kg)	Resin B (mL/kg)	Total (kgs)	Repair Points per Set
100	35	125	0.44	108	175/0.27	350/0.44	0.71	56
150	55	125	0.69	69	275/0.42	550/0.67	1.09	36.5
200	70	125	0.88	54	350/0.55	700/0.86	1.41	28
250	90	125	1.13	42	450/0.7	900/1.1	1.8	22
300	110	125	1.38	34	550/0.85	1100/1.35	2.2	18
400	140	125	1.75	27	700/1.08	1400/1.72	2.8	14
500	175	125	2.19	21	875/1.36	1750/2.14	3.5	11
600	210	125	2.63	18	1050/1.63	2100/2.57	4.2	9.5
800	300	125	3.75	12	1400/2.15	2800/3.55	5.7	7
1000	400	125	5.00	9.5	2000/3.1	4000/4.9	8	5