

HIGH STRENGTH LIQUID EPOXY SYRINGE



- PRODUCE NAME :
High Strength Liquid Epoxy Syringe
- PRODUCT CODE :
905
- Volume :
24ml

24ml High Strength Liquid Epoxy Syringe is a high performance pure epoxy which can be used for various applications. Main feature is its low viscosity. "Its low viscosity, with almost the same performance as high viscosity ones, offer new" possibilities and give unique patented performance.

FEATURES

- ✓ Boundary area reinforced. Better shear load performance.
- ✓ Any type of screw. No restrictions in diameter or embedment.
- ✓ Blend of resin, debris and concrete.
- ✓ Debris embedded in resin.
- ✓ Wall repaired, even 0.05mm width cracks can be filled.

TEST REPORT



Test Item	Test Method	Test Result		
		(kgf/cm ²)	(N/mm ²)	(psi)
Tensile Strength	ASTM D638-10 (Type 1 Specimen + 5mm/min)	445	43.65	6,329
Flexural Strength	ASTM D700-10 Procedure A	687	67.37	9,771
Compressive Strength	ASTM D695-10	1,182	115.91	16,811
Pull-Off Strength (Metal)	ASTM D4541-09 Method E - Type V	82	8.04	1,166
Adhesion Strength (Metal to Metal)	Refer to ASTM D1002-10 V = 1.3mm/min	63,7	6.25	906

TECHNICAL DATA SHEET

HIGH STRENGTH LIQUID EPOXY SYRINGE 905



PRODUCT DATA

Low Viscosity Epoxy Resin	
Mixing ratio	3 : 1
Part A	Transparent
Part B	Amber
Mixed color	Light Amber

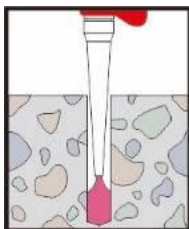
STORAGE CONDITION & SHELF-LIFE

- 24 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +25°C.
- Protect from direct sunlight to avoid causing any deterioration and hardener (part B) turning to yellow.

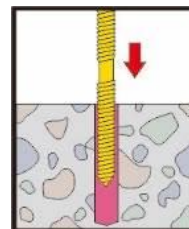
HOW TO APPLY

905 has a very low viscosity. Viscosity is comparable to thin oil, so it may be applied in a very easy way.

- ✓ No need to clean stripped hole.
- ✓ For installations in newly drilled hole, just drill hole deeper than embedment depth.
- ✓ Please pay attention not to overfill hole. As long as 1/4 of bore is filled with 905, it will be sufficient for a perfect installation.
- ✓ Drive in a new screw and wait for curing.



Step 1:
Inject and move up
gently, while injecting.



Step 2:
Drive in Screw.

Do not use an impact
wrench.

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CURING TIME

Application Temperature (°C)	Gel Time (min.)	Loading Time (min.)
35	5	120
25	8	240
15	15	480
5	30	720

HEALTH AND SAFETY INFORMATION

- For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

FINAL EDITING DATE : 2020/09/17