

NORUSEAL #6800

Epoxy putty



This paint is an epoxy putty manufactured by using epoxy resin and a pigment with excellent durability. Compared to general epoxy putties sanding is easy, and scraper workability and grain filling are great, thus it is suitable for crack repairs and leveling a surface. This product is an eco-friendly paint with low VOC content, satisfying ASTM D 5144 and SNE 5144 specifications of protective coating technology criteria for nuclear power plants.

Usage	Putty for concrete surfaces for nuclear power plants Putty for adjusting the backgrounds of general concrete surfaces
-------	--

Specification

Paint type	Epoxy system / Putty (Two-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	3 hours	2 hours	1 hour
	Dry-hard	24 hours	12 hours	8 hours
	Over-coat (Min.)	36 hours	15 hours	10 hours
	Maturation time	1 hour	30 minutes	20 minutes
	Pot life	5 hours	3 hours	2 hours
Specific gravity	Approx. 1.6		Solid volume ratio	Approx. 95±1%
Color	White		Flash point	At least 65℃
Mixing ratio	Base(A)/Hardener(B)=3/1 (Volume ratio)		Shelf life	12 months (Dry, cool, and dark place with good ventilation)
Gloss	Matte			

Product Properties (Physical Property Data)

Excellent workability	Epoxy putty that is excellent in Hera workability and grain filling compared to general epoxy putties
Eco-friendly properties	It is an eco-friendly product with a low VOC content, satisfying the protective coating technology criteria for nuclear power plants.

How to Use

Surface treatment	1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Sufficiently dry the surface to be coated before coating. 3. Apply to a surface treated with a concrete hardener after checking the adhesion beforehand. 4. Apply after curing at least 28 days at a concrete temperature of 21℃ and relative humidity of 50%. 5. Upon low-temperature coating, if the paint is warmed, smoothness and workability become good.
Coating Method	1. Cracks and crevices on the undercoated area and areas requiring flatness are filled with putty. 2. Sanding should be carried out after the putty has completely dried.
Preceding & Follow-up Coating	1. Preceding coating : Epoxy clear primer 2. Follow-up coating : Epoxy top coat
Remarks	1. Sufficient performance after last coating is achieved after drying for 7 days at 20℃. 2. For coating areas exposed to the outside, yellowing and chalking may occur in a short period of time due to the effect of sunlight. Upon coating for areas exposed to the outside, be sure to apply top coat.