

# 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°C	20°C	30°C
	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°C	
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	<ol style="list-style-type: none"><li>1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated.</li><li>2. Sufficiently dry the surface to be coated before coating.</li><li>3. Apply to a surface treated with a concrete hardener after checking the adhesion beforehand.</li><li>4. Apply after curing at least 28 days at a concrete temperature of 21°C and relative humidity of 50%.</li><li>5. Upon low-temperature coating, if the paint is warmed, smoothness and workability become good.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Cracks and crevices on the undercoated area and areas requiring flatness are filled with putty.</li><li>2. Sanding should be carried out after the putty has completely dried.</li></ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"><li>1. Preceding coating : Epoxy clear primer</li><li>2. Follow-up coating : Epoxy top coat</li></ol>
Remarks	<ol style="list-style-type: none"><li>1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.</li><li>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.</li></ol>