

BLACKTHANE 2100NT(VERTICAL)

Non-tar urethane waterproofing for non-exposure

This paint is a room-temperature curing two-component non tar urethane intermediate/top coat that is suitable for non-exposed waterproofing due to its excellent tensile strength, tearing strength and elongation. It does not flow down even from a vertical plane and can form a seamless film. It is easy to repair even if the waterproof layer is broken. It is a non-exposed type elastic urethane waterproofing material corresponding to KS F 3211 type 2.

Usage

Waterproofing material for various engineering works and non-exposure parts of buildings

Specification

Paint type	Polyurethane resin (Two-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	12 hours	7 hours	5 hours
	Dry-through	72 hours	24 hours	12 hours
	Over-coat (Min.)	2 days	1 day	12 hours
	Over-coat (Max.)	4 days	3 days	2 days
	Pot life	60 minutes	30 minutes	20 minutes
Thinner	DR-700, DR-700L, PU-1000		Dilution ratio	No dilution ※ If diluted, it may flow down from the wall.
Specific gravity	1.6			
Theoretical Coverage	1.8 Kg/m²			
Color	Black, gray		Thickness of dried film	3mm
Mixing ratio	Base(A)/Hardener(B)=1/5.7 (Weight ratio)		Gloss	Semi-gloss
Shelf life	6 months		Packaging unit	Base : 2.99 kg, Hardener : 17.01 kg

Product Properties (Physical Property Data)

Tensile strength	3.0 ± 0.5
Tearing strength	15 ± 3
Elongation rate	650 ± 100
Hardness	More than 60

How to Use

Surface treatment	<ol style="list-style-type: none">1. The substrate should keep surface smoothness and be sufficiently dried.2. Laitance, dust, oil and other contaminants adhering to the substrate should be completely removed.3. If the strength of concrete is over 260Kgf/cm², poor adhesion may occur because surface treatment with the grinding method is difficult. Thus, please form roughness by treating the surface with the blasting method.
Coating Method	<ol style="list-style-type: none">1. Reinforce cracks, crevices, and joints between walls and floors with the NEW-THANSUNG SEAL(N).2. Apply smoothly on the undercoated surface using sawtooth scraper, rubber scraper, pitchfork, roller, etc. <p>Appropriate construction specifications</p> <ul style="list-style-type: none">▷ Primer : BLACKTHANE 100▷ Intermediate/Top coat : BLACKTHANE 2100NT(VERTICAL)