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Polar Premium 4720 - Oil Storage Tank Epoxy Lining - Zero VOC

Applications:
Oil Storage Tank Epoxy Lining is a premium quality, two component, Non-VOC, hydrophobic, gloss HiOmega natural oil epoxy coating with organic anhydrides.
Oil Storage Tank Epoxy Lining is intended for use as a protective interior and exterior lining of metal storage tanks.

Oil Storage Tank Epoxy Lining provides superb durability, chemical resistance, and washability.

Oil Storage Tank Epoxy is available in clear and white and can be tinted to a wide variety of custom colours.

Mixing By Weight -

Component "A"	Component "B"	Component C (Optional) Tint to Choice NMT 3%
2.5	1	45 % ground rubber filler (recycled if possible)
"A" – Epoxy "B" – Hardener		Thinner – LMEE NMT 10%

Properties	Unit	Value	Measure Method
Pour Point	˚C	-10	Factory Prescription
Kin. Viscosity by 23˚C	mm^2/s	1344	DIN 53 019
Density sp. Weight	g/cm^3	1069	DIN EN ISO 3675
Working Temperature	0˚F	55-77	
Gel time by 23˚ C (1.5 kg accretion)	min	55	According application
Curing Time	day	Approx 7 days	According application
Set Time	hours	< 1 day	
Durability of Chemical Component "A" "B"	Month Month	24 Approx 6	20˚C in PE container

MIXING INSTRUCTIONS:
Mix each component for 1-3 minutes @ 300 RPM separately (depending on temperature).
The components "A" and "B" are stirred together with a slow running agitator by 300 rotations per minute for 1 minute. Add optional component "C" recycled rubber after A and B are thoroughly mixed.
The optimal processing temperature is given by $12^{\circ}C \leq T_P \leq 30^{\circ}C$
All devices can be cleaned by acetone or a water/acetone mixture.

RESISTANCE AGAINST CHEMICALS

Agent	Findings	Agent	Findings
Solvents		**Salts**	
Gasoline	r	NaC1 3 %	r
(Bio) Diesel	r	NaC1 Saturated	r
Methanol	r	CaC12 Saturated	r
Acetone	swelling		
Acids		**Lyes**	
HC1	r	NaOH	slow saponification
H3PO 4	r		
HCOOH	r		
CH3COOH	r		
H2SO4	oxidation	KOH	slow saponification
HNO3	oxidation		

r = resistant

DISPOSAL

Remains can be chopped up and be composted or burned.

SAFETY PRECAUTIONS

Wear protective clothing (including gloves and goggles).
Wash with soap/water or acetone/water after handling.