



**MOISTURE-CURING ZINC PRIMER
FOR LONG-LASTING STEEL PROTECTION**

TEKNOZINC 3233

Designed for high-performance corrosion protection of steel. Ideal for environments where durability, speed and reliability matter.

Key Features

- Excellent cathodic protection
- Single-component moisture-curing technology
- Fast curing – overcoatable after 30 minutes
- High resistance to mechanical wear
- Tested resistance to hydraulic oils and diesel fuels (1000 h @ 60 °C)
- Volume solids: 62 %
- VOC: ~330 g/l
- Density: 2.6 g/cm³



Benefits at a Glance

Fast return to service

→ Reduces downtime and increases productivity

Surface-tolerant

→ Suitable for SSPC-SP 2, SSPC-SP 3 and SSPC-SP 11

Simplified application process

→ Eliminates pot life issues, easy to use on site

Long-term corrosion protection

→ Comparable to galvanizing in cathodic performance

Reliable even in humid conditions

→ Moisture accelerates curing rather than hindering it



WHERE TEKNOZINC 3233 PERFORMS BEST

Ideal for corrosion protection in:

- Offshore & onshore Oil & Gas
- Energy infrastructure
- Machinery & metal equipment
- Pipelines, pipe spools, ladders, platforms
- Harbors, cranes, vessels
- Areas classified as C5 High / C5 Very High corrosive environments
- Not recommended for tank linings or permanent underwater exposure.

TEKNOS MOISTURE-CURE ZINC SYSTEM VS CONVENTIONAL 3-COAT SYSTEM

Parameter	TEKNOZINC 3233 System	Traditional 3-Coat System
Overcoating time	30 min	2.5 h
Total application (incl. topcoat)	4 h	7 h
Total project time	18 h	23.5 h



**Result: Up to 17% faster completion
+ earlier return to service**

Technology Insight: How It Works

Moisture-curing urethane coatings react with atmospheric humidity to form a strong, durable protective film.

Advantages:

- Cures even in high humidity
- Excellent adhesion
- Resistant to pitting and micro-corrosion
- Protects steel when surface preparation cannot be perfectly controlled

Zinc content:

Type II according to SSPC standards — providing cathodic protection to exposed steel.



TESTED & CERTIFIED

TEKNOZINC 3233 has been tested according to:

- Petronas M1B – SSPC-SP11
- Petronas M1B – SP 2
- Petronas M1B – SP 3
- Petronas M1D – SSPC-SP11

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