

Carbozinc® 11 Series



Carbozinc 11 Series are inorganic zinc primers exhibiting outstanding corrosion and undercutting resistance. Their long-term protection has labeled them as “permanent primers” and has outperformed galvanizing.

PRODUCT DETAILS Time-tested corrosion resistant primers that protect steel galvanically in the harshest environments. For over half a century, Carbozinc 11 (CZ 11) has been the industry standard for high-performance inorganic zinc protection on steel structures worldwide. Carbozinc 11 Series primers exhibit outstanding corrosion resistance, with very fast dry to touch times and handle times. They exhibit outstanding resistance to shipping damage prior to field top coating.

PRODUCTS

CARBOZINC 11

- › 85% zinc with 492 g/l VOC

CARBOZINC 11 FC

- › 85% zinc with 479 g/l VOC

CARBOZINC 11 VOC

- › 85% zinc with 389 g/l VOC

CARBOZINC 11 HS

- › 84% zinc with 288 g/l VOC

CARBOZINC 11 WB

- › 83% water-based zinc with zero VOC

APPLICATIONS

BRIDGE AND HIGHWAY

CHEMICAL PROCESSING

MARINE

OIL AND GAS (OFFSHORE)

POWER

WATER AND WASTEWATER

PIPELINES AND TERMINALS

FEATURES

- › Carbozinc 11 meets Class B slip coefficient and creep testing criteria for use on faying surfaces
- › Rapid cure. Dry to handle in 45 minutes at 60°F (16°C) and 50% relative humidity
- › Low temperature cure down to 0°F (-18°C)
- › High zinc loading
- › Very good resistance to salting
- › May be applied with standard airless or conventional spray equipment
- › Outstanding “best in class” shop application properties
- › Quick recoat option (Carbozinc 11 FC)

Carbozinc® 11 Series

Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

Product Selection

PRODUCT	COVERAGE (MIL FT ²)	DRY TO HANDLE @75°F/23°C	DRY TO TOPCOAT @75°F/24°C	VOC (GRAMS/LITER)
Carbozinc 11	1000	45 min	18 hours	492
Carbozinc 11 FC	1000	30 min	4 hours	479
Carbozinc 11 HS	1203	1 hour	18 hours	288
Carbozinc 11 VOC	1220	1 hour	18 hours	389
Carbozinc 11 WB	962	5 min	18 hours	0

Reasons to use Carbozinc 11 Series

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Extremely fast dry to handle times	Quick shop through-put	Ability to move steel quickly
Excellent physical properties	Minimal shipping damage when untopcoated	Long lasting
Accepts a variety of intermediates and finishes	Choose the product to match the job	Wide selection of chemically and/or weathering resistant finishes
Outstanding corrosion protection	Long term asset protection	Lowest cost/year service
High zinc loading	Long term corrosion protection	Lowest cost/year service



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