



**NIPPON
PAINT**

HI-FLORO 6738 FLUOROCARBON TOP COAT

Featuring Fluoroethylene-Vinyl Ether (FEVE)
Air-Curing Technology

HI-FLORO 6738 FLUOROCARBON TOP COAT



Nippon Paint Hi-Floro 6738 Fluorocarbon Top Coat is a two-pack, air-cured and fast-drying fluorocarbon finish coat. It provides excellent film stability and strong resistance against contamination, chemicals, UV radiation, weathering and corrosion.

Its exceptional durability and high gloss retention make it ideal for both new construction and as an industrial maintenance finish on a wide range of metal substrates in industrial environments.

Suitable for:

- Cranes and construction equipment
- Offshore platforms and oil rigs
- Bridges and other steel structures
- Gas and oil storage tanks
- Chemical and petrochemical plants

Enhanced UV and Weathering Resistance

Compared to conventional polysiloxane and polyurethane, **Nippon Paint Hi-Floro 6738 Fluorocarbon Top Coat** delivers superior gloss retention. This prolongs the intervals between recoating and maintenance, thus reducing downtime and delivering substantial cost savings for asset owners.

Gloss Retention @ 4,000 hours of QUV-A Exposure

Hi-Floro 6738	Conventional Polysiloxane	Conventional Polyurethane
82%	65%	45%

Simplified Application Process

Nippon Paint Hi-Floro 6738 Fluorocarbon Top Coat incorporates Fluoroethylene-Vinyl Ether (FEVE) technology, enabling it to cure at room temperature. Compared to polyvinylidene fluoride (PVDF) technology, which requires thermal curing at 230 – 250°C, this not only offers significant cost savings during application but also reduces energy consumption, aiding asset owners in achieving their sustainability goals.

Commonly Specified System

Resin	Air-cured Fluorocarbon (3F)
Type	Solvent-based
Finish	Gloss
Application	Roller, Brush, Airless Spray
Painting System	3 to 4-coat System – Mild Steel
	1 coat Zinky-23 Epoxy Zinc Rich Primer 85
	1 coat Hi-Pon 30-02 Epoxy MIO 80
	1 to 2 coats Hi-Floro 6738 Fluorocarbon Top Coat
	2-coat System – Non-ferrous and Galvanised
	1 coat Hi-Pon 20-03 Epoxy Primer
	1 to 2 coats Hi-Floro 6738 Fluorocarbon Top Coat

Notes:

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