

ESPLENDIDO FW-18

WETLOOK EXTREME & STAIN PROTECTOR
FOR EVERY DULL OR FADED MINERAL FLOOR AND WALL

TECHNICAL DATA SHEET



HIGH GLOSS



EXTREME WET-LOOK



STAIN & OIL RESISTANT



BREATHABLE PROTECTION



LONG TERM DURABILITY

1 PRODUCT DESCRIPTION

Advanced surface transformation treatment that converts dull, weathered mineral floors and walls into rich, enhanced wet-look surfaces with integrated long-term substrate protection.

ESPLENDIDO FW-18 penetrates deep into mineral substrates while forming a micro-thin integrated protective layer that enhances natural colour depth, surface richness, scratch resistance and durability in a single application while maintaining safe surface traction.

Engineered as a long-term restoration alternative to polishing, waxing and conventional surface maintenance systems, the treatment revitalises existing mineral substrates and preserves their renewed, like-new appearance for years in interior and exterior environments.















The advanced protective matrix provides high resistance to water, oil, stains, tyre marks, abrasion, heavy foot traffic, routine cleaning and all weather exposure, keeping treated floors and walls protected and visually intact over time.

The protective matrix allows moisture vapour transmission while preventing liquid ingress, helping maintain substrate integrity over time while reinforcing the substrate internally.

Once applied, treated surfaces do not require polishing, waxing or periodic surface maintenance. Routine cleaning, including wet mopping and mildly alkaline cleaning agents, does not affect protective performance.

No comparable treatment delivers this level of restoration, protection and long-term durability in a single system.

2 KEY PERFORMANCE FEATURES

-  Deep penetration with integrated micro-thin surface protection.
-  Enhances natural colour depth and surface richness.
-  Restores dull mineral surfaces to rich wet-look appearance.
-  Resistant to tyre marks and heavy traffic conditions.
-  Delivers protection and enhancement in a single application.
-  Suitable for interior and exterior applications.
-  Long-term resistance to stains, oil and dirt absorption.
-  Low VOC and environmentally responsible formulation.
-  High abrasion and traffic durability.
-  No applicator training required.
-  Strong anchoring within mineral pore structure.
-  Easy application without specialised equipment.
-  Breathable yet water-repellent protection.
-  Maintains safe surface traction without forming a thick coating.

3 RECOMMENDED SUBSTRATES & APPLICATION AREA

SUITABLE FOR

- Natural stone (granite, marble, slate, sandstone, kota stone, etc.)
- Cementitious floors and walls
- Polished, honed and decorative concrete
- Precast concrete elements
- Paver blocks, cobblestones and driveways
- Brickwork and exposed masonry
- Parking decks, garages and ramps

IDEAL FOR

-  Residential Buildings
-  Commercial Space
-  Hospitality Projects
-  Industrial Facilities
-  Institutional Buildings

4 TECHNICAL CHARACTERISTICS

Appearance	Yellowish, slightly cloudy liquid
Density	@25°C: ~ 1.03 g/cm ³
Viscosity	@25°C: 80- 90 mPa.s
Solid Content	~100%
VOC Content	<5 G/L
Flash Point	>100°C
Track- Free Time	4 -6 hours
Recoat Time	~ 12 hours
Full Cure Time	~ 24 hours

Curing time may vary depending on substrate porosity, temperature and ambient humidity conditions.

5 PERFORMANCE DATA TEST

PROPERTY	RESULTS	TEST METHOD
Water Absorption Reduction	Significant reduction	(ASTM C642)
Water Repellency	Excellent	(ASTM D7088)
Stain & Oil Resistance	No visible staining/ no penetration	(ASTM D1308)
Abrasion Resistance	High resistance	(ASTM D4060)
Adhesion to Substrate	Excellent	(ASTM D3359)
Breathability	Vapour permeable	(ASTM E96)
Slip Resistance	Safe surface	(ASTM D2047)
Surface Appearance	Enhanced wet-look finish	(Visual)

6 COVERAGE



Low absorbency surfaces
22 - 30 m²/kg



Medium absorbency surfaces
15 - 22 m²/kg



High absorbency surfaces
9 - 15 m²/kg



LOW VOC ECO FRIENDLY



SINGLE APPLICATION SOLUTION



INTERIOR & EXTERIOR USE



PROFESSIONAL GRADE PERFORMANCE

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7 APPLICATION METHOD



Surface Preparation:
Surface must be clean, dry and free from dust, dirt, oil, grease, existing coatings, sealers or loosely bound material. Surface moisture content should be below 5%.



Application:
Apply FW-18 uniformly by brush, roller or low-pressure spray ensuring thorough wetting of the surface for deep penetration. Allow the material to absorb into the substrate. Avoid over-application or surface pooling.



Second Coat:
For highly porous or worn surfaces, a second coat may be applied while the first is coat is still receptive.



Drying & Curing:
Surface becomes touch-dry within a few hours, depending on conditions. Full curing and optimum performance are achieved after approximately 24 hours.

8 APPLICATION CONDITIONS



Temperature:
+5°C to +35°C



Apply only on
dry substrates

9 PRE-APPLICATION TEST



A test application on a small inconspicuous area is recommended to confirm appearance, colour enhancement and absorption before full-scale application.

10 POST-APPLICATION CARE



Protect treated surfaces from water, spills and traffic during the initial curing period. Light foot traffic is recommended only after adequate drying.

11 DO NOT APPLY ON



- Non-mineral substrates
- Painted or coated surfaces
- Gypsum or plasterboard
- Metals or glass
- Elastomeric or polymer coatings

12 SLIP NOTE



Wet-look enhancement may increase surface sheen. Slip resistance depends on substrate texture and application method.

13 SAFETY INFORMATION



- Use in well-ventilated areas during application and drying.
- Avoid contact with eyes, skin and clothing.
- Wear suitable protective gloves and eye protection.
- Do not ingest or inhale vapours or spray mist.
- Keep away from foodstuffs, beverages and animal feed.
- Wash hands thoroughly after handling.



First aid

- **Eye Contact:** Rinse with clean water and seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water.
- **Ingestion:** Do not induce vomiting; seek medical advice immediately.

Keep out of reach of children.
Refer to Safety Data Sheet (SDS) for detailed safety information.

14 STORAGE & SHELF LIFE



- ✓ Shelf life: 24 months from date of manufacture
- ✓ Store in original, tightly closed containers
- ✓ Protect from moisture, heat and direct sunlight
- ✓ Storage temperature: 5°C to 35°C

15 TECHNICAL NOTE



FW-18 forms an integrated protective structure within and on the surface of the substrate, combining deep penetration with a micro-thin surface protection layer for long-term durability and performance.

16 DISCLAIMER

The information provided in this Technical Data Sheet is based on current knowledge, laboratory testing and practical experience. All values are typical and may vary depending on substrate condition, application method and site conditions. Users are advised to carry out a trial application to confirm suitability, appearance and performance prior to full-scale use. ESPLENDIDO FW-18 is designed to deliver long-term protection and performance when applied in accordance with recommended guidelines. This product is offered with a performance warranty under defined conditions. For detailed warranty terms, coverage and duration, please contact the manufacturer. Since application conditions, substrates and environmental factors are beyond our control, no guarantee is provided for performance under all circumstances. The manufacturer reserves the right to modify product specifications without prior notice.



Final Statement

FW-18 delivers deep penetrating protection with premium wet-look enhancement and long-term resistance to water, stains, abrasion and environmental exposure.

OUR COMMITMENT



LOW VOC
ECO FRIENDLY



PREMIUM
QUALITY



PROFESSIONAL
GRADE



R&D DRIVEN
SOLUTION

CONNECT WITH US



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