

**POLYURETHANE PAINTS- MATT POLYURETHANE TOPCOAT (F2 • 675)****Product description:**

F2675 is a two-component coating based on aliphatic isocyanate-acrylic resin, and one of the distinctive features of this coating is that it is more buildable than F675, it has high workability, the ability to maintain good color without yellowing and chalking, flexibility, and also excellent resistance to Abrasion, impact, ultraviolet rays and dust can be mentioned.

Application: This coating (in one cycle) is used to protect industrial structures, machines and external bodies of tanks that are in different weather conditions. It should be noted that this coating has high resistance against petroleum secretions, vegetable oils, chemical, acidic, alkaline and neutral conditions.

Technical data:

Specification	Details	EN Standard	ASTM Standard
Color / Shade	Clear	Visual / EN ISO 3668	D1535
Solids by Volume %	60 ± 4	EN ISO 3251	D2697
Solids by Weight %	70 ± 4	EN ISO 3251	D2369
Density / Specific Gravity	1.4 - 1.7 kg/lit	EN ISO 2811	D1475
Shelf life	12 months		
Dry Film Thickness (DFT) µm	40 - 50 µ	EN ISO 2808	D7091
Wet Film Thickness (WFT) µm	85 - 90 µ	EN ISO 2808	D4414
Spreading Rate (Theoretical Coverage) m2/L	10 -12.5m2/lit	EN ISO 6504	D2697

The drying time depends on the film thickness applied. all the data in this catalog are based on the thickness of the dry film in vitro conditions.

Temperature C° F	Surface drying time (Clock)	Full Cure	Recoating time (hours)	Pot life (Clock)
59 (15)	2-3	7	0 -10	5-6
77 (25)	45-90m	7	2-3	3-4
104 (40)	45	5-7	1 - 2	2-3

Equipment Used:

AIRLESS SPRAY

NOZZLE DIAMETER: 0.015-0.021 INCH EXHAUST

PRESSURE: MINIMUM 112 TIMES AIR SPRAY

NOZZLE DIAMETER: 1.8 - 2 MM

NOZZLE PRESSURE: 2- 4 TIMES

BRUSHES: 30-40 (FOR SPOTTING)

Environmental condition :

The temperature of the surface should be at least 3 degrees higher than the dew point. In hot weather, the temperature of the materials before mixing should be 20-25, otherwise the pot life will be very short. To ensure the hardening of the coating, the air and surface temperature should be above 10 be This cover should not be implemented in areas where the weather changes or the wind speed exceeds 7 mis.

Surface Preparation:

The temperature of the surface should be at least 3 degrees higher than the dew point. In hot weather, the temperature of the materials before mixing should be 20-25, otherwise the pot life will be very short. To ensure the hardening of the coating, the temperature of the air and the surface should be higher than 10 degrees. This cover should not be implemented in areas where the weather changes or the wind speed exceeds 7 mis.

Method of Applying:

- All equipment should be cleaned with recommended thinner before use.
- Part A should be mixed with a strong mixer.
- Add component B to component A and continue mixing for 5 minutes.
- Note:** Due to the fact that the storage time of the mixture (Pot life) is limited, avoid mixing more than the required amount.
- Note:** The best application time is 20-30 minutes after mixing the two components.
- It is recommended to use 5% thinner for air spray and 3-5% thinner for airless spray.
- Each painting pulse must be applied in parallel so that each pulse covers 50% of the painted surface with a right angle.
- To ensure the desired thickness, angles, sharp edges, rivets and uneven parts should be covered again.
- If the re-coating time is prolonged and the thickness of this coating needs to be increased, the desired surface should be prepared with soft sandpaper for execution.
- Wash all equipment immediately after use.

Safety Tips: This coating is flammable and should be kept away from flame and heat, and the executor is also obliged to study and observe the MSDS conditions of this product, to wear special masks and safety gloves when using and in environments with proper ventilation.

Storage Conditions: This product should be stored in a closed space away from direct rays at a temperature of 5-35 degrees.

Considerations: The drying time depends on the film thickness applied, all the data in this catalog are based on the thickness of the dry film in vitro conditions.



LEGAL NOTES : The information contained in this Technical Data Sheet is based on laboratory testing and practical experience. Actual performance may vary depending on substrate condition, application method, and environmental conditions. Users should test suitability before large-scale application.

Head Office : Building No.15 , Qasimlu Street 40, Shahidan Zargata Quarter 24, Zone 1, Sulaymaniyah 46001, Iraq

Factory : Tanjaro Industrial Area – Sulaymaniyah – Iraq