

تليفون:- ٦٧٠٧٥٢١

معهد بحوث البترول



فاكس ٢٧٤٧٤٣٣ (٠٢)

مركز حماية الأسطح المعدنية

To Mr. Anglo-Egyptian Paints

Dear Mr.

Referring to your letter for testing the submitted steel sheet coated with the material under name POLYCOAT 750D, the results are as follows:

TEST	REFERENCES	RESULTS
Thickness	ISO 2808	2.65±0.2 mm
Abrasion Resistance, mg lost 1000g,1000 rev. H-18	ASTM D 4060	
a) with primer		600
b) without primer		300
Bending test	ASTM D 522	Pass
Impact (1.5kg/1metre)	ASTM D2794	Pass
Pull off	ASTM D4541	Pass > 25 Mpa
Pinhole		Pass
Holiday detection	ASTM G 62	20 kv
Tensile	ASTM D638	3291 psi
Elongation	“ “	367.8%

٢٠١٥/٥/٦
٢٠١٥/٥/٦

تليفون:- ٦٧٠٧٥٢١

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فاكس ٢٧٤٧٤٣٣ (٠٢)

مركز حماية الأسطح المعدنية

SALT SPRAY Test of POLYCOAT 750D

The submitted coated sheet by the polycoat 750D was subjected to the salt spray test for continuous 500hrs salty water at ambient temperature according to ASTM D 870, the results are as follows:-

TEST	REFERENCES	RESULTS
Degree of Blistering	ASTM D 714 (87)	No Blistering
Degree of Cracking & Flaking	ASTM D 661 (93) ASTM D 772 (86)	No Crack No Flake
Degree of rusting	ASTM D 610 (95)	No Rust



تليفون:- ٦٧٠٧٥٢١

معهد بحوث البترول



فاكس ٢٧٤٧٤٣٣ (٠٢)

مركز حماية الأسطح المعدنية

Water resistance of POLYCOAT 750D

The submitted coated sheet by the polycoat 750D was immersed in Distilled water at 38 ± 1 °C for 24 hrs with continuous stirring according to ASTM D 870, the results are as follows:-

TEST	REFERENCE	RESULTS
Water resistance	ASTM D870	Pass No blistering And no adhesion failure

