



**AkzoNobel**

**SALCOMIX**  
**535 PRM-EPX 2K Universal Primerfiller**  
**648 TPC-PUR Topcoat**  
**Performance Tests**



## **535 PRM-EPX & 648 TPC-PUR Test Product Range;**

**535 PRM-EPX 2K Universal Primerfiller**

**648 TPC-PUR Topcoat Ral 9016**

**Surface Preparation;**

**Sandblasted Surface: Sa 2.5 / Roughness: 40-60**

**Microns Primer Application;**

**Ambient Temperature/Humidity: ~22 C° / RH 45-50**

**Application Equipment: Pressure Vessel - 1.6 gun**

**Topcoat Application;**

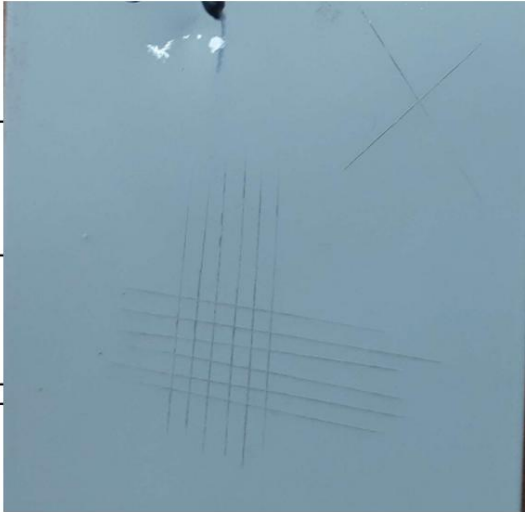
**Ambient Temperature/Humidity: ~20 C° / RH 45-50**

**Application Equipment: Devilbiss 1.4 Pistol**


**To the institution: Ambient conditions 20 C°**



# 535 PRM-EPX & 648 TPC-PUR TESTS

		Dry Film Tests	
IMPACT, kg x cm	23	Suitable	
ADHESION – SQUARRING*	SA:5B M:5B	Suitable	
ADHESION-CROSS	without problems	Suitable	
TOTAL FILM THICKNESS, $\mu\text{m}$	136		


# 535 PRM-EPX & 648 TPC-PUR TESTS

Dry Film Tests		
STONE SPRAYING - BEFORE BELT APPLICATION*	SA: Cot 1 M: No opening Suitable	
STONE SPRAY-BELT POST*	SA: Cot 1 M: No opening Suitable	
SOLVENT RESISTANCE – Cellulose thinner 1 min.	No swelling or softening. Suitable	
SOLVENT RESISTANCE – Cellulose thinner 2 min.	No swelling or softening. Suitable	

# 535 PRM-EPX & 648 TPC-PUR TESTS

## Corrosion Tests – Salt Fog (480 hours) / Line

PASSING ON THE LINE	0.5 mm	Suitable
PASS ON THE PANEL	no	Suitable
BLISTER ON THE LINE	no:8 med	Suitable
BLISTER ON PANEL	no	Suitable
POST-BAND OPENING	no	Suitable




# 535 PRM-EPX & 648 TPC-PUR TESTS

## Corrosion Tests – Salt Fog (480 hours) / Cross-Track

PASSING ON THE LINE	0.5 mm	Suitable	
PASS ON THE PANEL	no	Suitable	
BLISTER ON THE LINE	no:8 med	Suitable	
BLISTER ON PANEL	no	Suitable	
POST-BAND OPENING	no	Suitable	

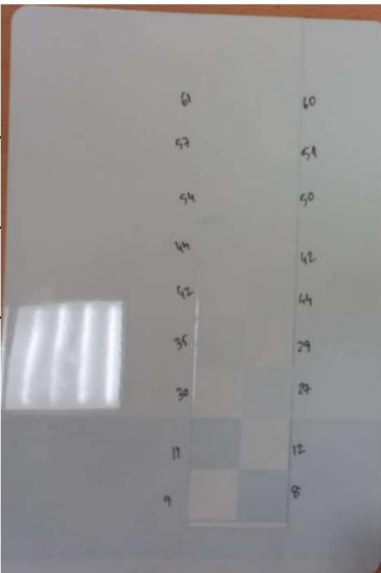
# 535 PRM-EPX & 648 TPC-PUR TESTS

## Corrosion Tests – QCT (480 hours)

<b>BLISTER</b>	<b>No: 8 medium</b>	<b>Suitable</b>	
<b>VISUAL ASSESSMENT</b> No issues			
<b>ADHESION</b>	<b>SA:5B M:1B</b>		

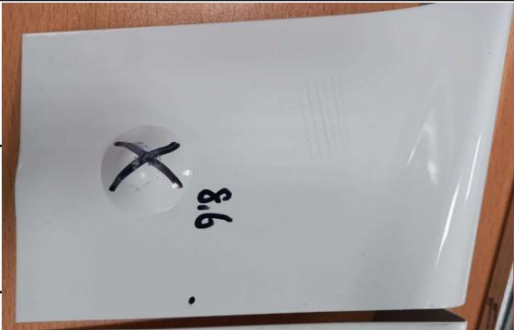

# 535 PRM-EPX & 648 TPC-PUR TESTS

## Topcoat Dry Film Tests

<b>HARDNESS, Persoz</b>	<b>154</b>	<b>Suitable</b>	
<b>Brightness, 20°</b>	<b>87.8</b>	<b>Suitable</b>	
<b>Brightness, 60°</b>	<b>97.2</b>	<b>Suitable</b>	
<b>Opacity, μm</b>	<b>61-67</b>		

# 535 PRM-EPX & 648 TPC-PUR TESTS

## Topcoat Dry Film Tests

Deep pull	8.6	Suitable	
Conical bending	No cracking. Suitable.		
Adhesion*	5B	Suitable	
Flow test	Film thickness, $\mu\text{m}$ 80	Suitable	