



**SYNPO, akciová společnost, S. K. Neumanna 1316, 532 07 Pardubice, Zelené Předměstí, Česká republika**  
Společnost je zapsána v Obchodním rejstříku u Krajského soudu v Hradci Králové, Oddíl B, vložka 627

## THE ASSESSMENT OF CORROSION PROTECTION OF STEEL STRUCTURES BY PROTECTIVE PAINT SYSTEMS

Producer of the Part: **Synpo a.s.**  
Test performed by: SYNPO akciová společnost, S. K. Neumanna 1316, 532 07 Pardubice, Czech Republic  
Test report: R013/206, performed in Pardubice on June 19, 2019

Substrate	Finish	Corrosivity category, durability ISO 12944-1,2	Requirements ISO 12944 -6	Meets
<b>Steel panel (cleanness St 3)</b>	Paint system LV EPS 620 (2K EP paint) 1 layer (30 – 40 µm) + LV AKZ 411 (2K PUR paint) 2 – 3 layers (110 - 120 µm)  (Overall DFT 140 – 160 µm)	C3 – high (durability 15 – 25 years)  C4 – medium (durability 7 – 15 years)  C5 – low (durability to 7 years)	<b>ISO 6270-1</b> (240 h) + ISO 2409 (after 7 days) Ri 0, without blisters, cross-cut grade max. 2	<b>YES</b>
			<b>ISO 9227</b> (480 h) + ISO 2409 (after 7 days) Ri 0, without blisters, delamination ≤ 1,5 mm, cross-cut grade max. 2	<b>YES</b>
			<b>ISO 2409</b> grade max. 2	<b>YES</b>
Tested paint system <b>LV EPS 620 + LV AKZ 411</b> meets requirements for corrosivity category:  <b>C3 – high with durability 15 - 25 years</b> <b>C4 – medium with durability 7 – 15 years</b> <b>C5 – low with durability to 7 years</b>				



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Assessment made by:  
In Pardubice on June 19, 2019

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