

VZD – ZINC THICK-LAYER PASSIVATED

Chrome(VI)-free alternative to zinc yellow



**CHROME(VI)-FREE
REACH-COMPLIANT**

	VZD	For comparison: A2C / A3C
Type of coating	Iridescent-passivated electroplated zinc coating according to DIN 50979 Often referred to as "thick-layer passivation"	Yellow-chromated electroplated zinc coating according to DIN EN ISO 4042
Coating thickness	from M2: 3 µm ²⁾	A2C: 5 µm
	from M6: 5 µm ²⁾	A3C: 8 µm
	from M10: 8 µm ²⁾	
Test according to DIN EN ISO 9227-NSS (h) ³⁾	from M2: 48 WR / 72RR	A2C: 48 WR / 72 RR ¹⁾
	from M6: 72 WR / 144 RR	
	from M10: 72 WR / 216 RR	A3C: 72 WR / 120 RR ¹⁾
Colour		
Chrome(VI)-free	✓	✗
RoHS-compliant	✓	✗
REACH-compliant	✓	✗

¹⁾ According to DIN EN ISO 4042 just informative reference value.

²⁾ Reference coating thickness : The result of the corrosion test is decisive for the assumed value.

³⁾ WR = Coating corrosion (white rust); RR = Base metal corrosion (red rust)