


EXE43

TECHNICAL DATA SHEET

APPLICATION;	<i>Ceramic Coating especially developed for High Temperature Environments with Excellent Fouling Resistance.</i>
COATING THICKNESS	<i>Recommended; 125-200 Microns (4.92-7.87 Mils)</i>
TEMPERATURE ENVIRONMENTS	<i>650°C (1202°F) – 700°C (1292°F)</i>
COLOR	<i>Green</i>
SUITABLE SUBSTRATES	<i>Carbon Steel and Stainless Steel, or similar.</i>
COMPOSITION	<i>Silica Based Coating</i>
DATE	<i>2021 November</i>



Physical and Thermal Properties	Standard	Results
Surface		Good Surface - Satin
Adherence	EN10209	Substrate; P9 - Level 1
Roughness	ISO4288	Ra 0,32 μm Rz 1,70 μm
Hardness	ASTM C 1327-03	777 HV \pm 26 HV (63 HRC) Applying a force of 500mN load within 20 seconds.
Abrasion Test	EN ISO 5470-1	TABER - 5,000 Cycles – CS17 Lost Weight = 4,1 mg.
Maximum Substrate Working T^a		700°C (1292°F)
Thermal Shock	Water quench FROM T^a (Water at 20°C)	650°C - NO DAMAGE