



Brussels, 14.4.2020
C(2020) 2084 final

ANNEX

ANNEX

to the

COMMISSION IMPLEMENTING DECISION

**partially granting an authorisation for certain uses of sodium dichromate under
Regulation (EC) No 1907/2006 of the European Parliament and of the Council
(Brenntag UK Ltd and others)**

ANNEX

Sodium dichromate-based surface treatment processes and required key functionalities

Type of process	Process	Key functionalities	
Pre-treatment	Cleaning	These processes are pre-treatment processes used in conjunction with a main or post-treatment process. The key functionalities are defined by the subsequent processes.	
	Pickling/Etching		
	Deoxidising		
	Desmutting		
	Stripping		
Main treatment	Chemical / Chromate Conversion Coating CCC – Aluminium CCC	Corrosion resistance	
		Adhesion to subsequent layer	
		Chemical resistance	
		Active corrosion inhibition	
		Resistivity	
	Chromate Conversion Coating CCC – Magnesium CCC	Corrosion resistance	
		Active corrosion inhibition	
		Layer thickness	
		Adhesion to subsequent layer	
		Chemical resistance	
		Resistivity	
	Passivation of stainless steel	Corrosion resistance	
		Adhesion to subsequent layer	
		Embrittlement / heat treatment	
	Post-treatment	Sealing after anodizing (with subsequent paint or unpainted)	Corrosion resistance
Layer thickness			
Adhesion to subsequent layer			
Chemical resistance			
Chromate Rinsing after phosphating		Corrosion resistance	
		Adhesion to subsequent layer	
Passivation of metallic coatings		Corrosion resistance	
		Layer thickness	
		Adhesion to subsequent layer	
		Chemical resistance	
		Temperature resistance	
		Resistivity	