

January 2022

## Declaration of Conformity with NADCA 207-2018 Requirements

According to test report T015602, version 2, issued on 10 th od December 2021 by the laboratory of Element Materials Technology 194, International Boulevard, Glendale Heights, IL, 60139, USA, SIJ Metal Ravne d.o.o. declares that SITHERM 2343R steel complies with the requirements of NADCA Specification 207-2018, Grade D: H11/1.2343.

Chemical composition of steel (wt%)

NADCA Grade	Material Category	C	Mn	P	S	Si	Cr	Mo	V
D	Type H11/2343	0.35–0.42	0.20–0.60	0.025 max	0.003 max	0.80–1.20	5.00–5.50	1.10–1.60	0.30–0.60

NADCA Grade	Trade Name	Type	Preheating Temp. °F (°C)	Austenitizing/Hardening Temp. °F (°C)
D Type H11/2343	SIJ Metal Ravne SITHERM 2343R	D1830	1100–1200 (595–650) 1500–1550 (815–850)	1830 (1000)

Dr Mitja Koležnik  
Director of Development and Control




 Jernej Močnik  
 Managing Director

40 SIJ METAL RAVNE d.o.o.  
 Koroška cesta 14  
 SI-2390 Ravne na Koroškem  
 Slovenia, EU

