

## Declaration of Performance

DOP No. 04

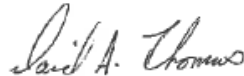
In accordance to CPR 305/2011:

1. Identification of product type: Tubular cored electrode welding consumable  
 Brand name: Hobart® FabCO® RXR  
 Part numbers and diameters: S246512 (1.2mm), S246515 (1.4mm), S246519 (1.6mm), S246524 (1.8mm), S246525 (2.0mm), S246529 (2.4mm)  
 Classification: EN ISO 17632-B T55 2 T1 0 C A H10
2. Batch number identifying the construction product: Refer to product label
3. Intended use of the construction product: Metallic structures or composite metal and concrete structures
4. Name and contact address of the manufacturer: Hobart Brothers Co. 101 Trade Square East Troy, OH 45373 USA
5. Authorized representative: N/A
6. System of assessment and verification of constancy of performance of the construction product: System 2+
7. Notified body/Reg. No: TÜV Rhineland/0035 performed:
  - Initial inspection of the manufacturing plant and of factory production control
  - Continuous surveillance, assessment, and evaluation of factory production control under System 2+ and issued certificate of conformity of factory production control no. 0035-CPR-C810
8. European Technical Assessment: N/A
9. Declared performance (see chart on the right):
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

Essential Characteristics:	Performance:			Harmonized Technical Specification:
	Min	Max	Values	
Tolerances on dimensions:				EN 13479:2004
1.2mm diameter	1.15	1.22	mm	
1.4mm diameter	1.35	1.42	mm	
1.6mm diameter	1.54	1.62	mm	
1.8mm diameter	1.74	1.82	mm	
2.0mm diameter	1.94	2.02	mm	
2.4mm diameter	2.34	2.42	mm	
Elongation:	17	-	%	
Tensile strength:	550	740	Mpa	
Yield strength:	460	-	Mpa	
Impact strength:				
CVN value @ -20°C	27	-	Joules	
Chemical composition:				
C:	-	0.12	%	
Mn:	-	2.00	%	
Ni:	-	0.50	%	
Cr:	-	0.20	%	
Mo:	-	0.20	%	
Nb:	-	0.05	%	
V:	-	0.08	%	
Cu:	-	0.30	%	
Durability:	NPD	NPD	NPD	
Dangerous substances	NPD	NPD	NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer by:



David A. Thomas – Quality Assurance Representative Troy, OH USA 7/01/13