

Declaration of Performance

DOP No. 23

In accordance to CPR 305/2011:


- | | | |
|-----|--|---|
| 1. | Identification of product type:
Brand name:
Part numbers and diameters:

Classification: | Covered electrode for manual metal arc welding
Hobart® Hoballoy® 8018C3
S125332 (2.4mm), S125344 (3.2mm),
S125351 (4.0mm), S125358 (4.8mm),
S125381 (6.4mm)

EN ISO 2560-A E46 4 1Ni B 3 2 H5 |
| 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 LLC 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: <ul style="list-style-type: none"> • 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 the 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. | |

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 3/19/18

Essential Characteristics:	Performance:			Harmonized Technical Specification:
	Min	Max	Values	
Chemical composition:				
C:	-	-	%	EN 13479:2017
Mn:	-	1.4	%	
Si:	-	-	%	
P:	-	-	%	
S:	-	-	%	
Cr:	-	<0.2	%	
Ni:	0.6	1.2	%	
Mo:	-	<0.2	%	
V:	-	<0.05	%	
Nb:	-	<0.05	%	
Al:	-	-	%	
Cu:	-	<0.3	%	