



ACCORDING to REGULATION EU No 305/2011
DECLARATION OF PERFORMANCE
No.GK.ER100SGTIG.CPR.2013



- Unique identification code of the product-type:**
GeKa ER 100 SG TIG(EN ISO 16834-A – W Mn3Ni1CrMo)
- Type, batch or serial number or any other element allowing identification of the construction product:
See batch number and date of manufacture on packaging
- Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Use in metallic structures or in composite metal and concrete structures
- Name, registered trade name and contact address of the manufacturer as required pursuant to Article 11(5):**
Gedik Kaynak San ve Tic A.Ş. Ankara Caddesi No.306 Seyhli 34906 Istanbul / Turkey www.gedikwelding.com
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2+
- In case of the declaration of performance concerning a construction product covered by a harmonized standard:
Notified factory production control certification body number 0035 – TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, D-51105 Cologne, Germany - performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control; Certificate no: 0035-CPR-C602
- Declared performance

Essential characteristics (EN 13479: 2004, Annex ZA)	Performance	Harmonized technical specification
Tolerances on dimensions	passed	EN 13479:2004 , EN ISO 544: 2011
Elongation	≥ 18 %	EN 13479: 2004, EN ISO 16834-A:2012
Tensile strength	700 - 890 MPa	EN 13479: 2004, EN ISO 16834-A:2012
Yield strength	≥ 620 MPa	EN 13479: 2004, EN ISO 16834-A:2012
Impact strength	≥ 47 J (- 30 °C)	EN 13479: 2004, EN ISO 16834-A:2012
Chemical composition	passed	EN 13479: 2004, EN ISO 16834-A:2012
Durability	passed	EN 13479: 2004
Dangerous substances	passed**)	EN 13479:2004
Emission of radioactivity	Is not relevant	EN 13479:2004-

**) More details about dangerous substances see safety data sheet

- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4..

Signed for, and on behalf of the manufacturer by:

Selim CENGİZ
Quality Control Manager