



ACCORDING to REGULATION EU No 305/2011  
**DECLARATION OF PERFORMANCE**  
No.GK.LASERB55.CPR.2013



- Unique identification code of the product-type:**  
**GeKa LASER B 55 (EN ISO 2560-A – E 46 5 B 42 H5)**
- 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](http://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   | ≥ 20 %            | EN 13479: 2004, EN ISO 2560-A: 2009 |
| Tensile strength                                     | 530 – 680 MPa     | EN 13479: 2004, EN ISO 2560-A: 2009 |
| Yield strength                                       | ≥ 460 MPa         | EN 13479: 2004, EN ISO 2560-A: 2009 |
| Impact strength                                      | ≥ 47 J ( - 50 °C) | EN 13479: 2004, EN ISO 2560-A: 2009 |
| Chemical composition                                 | passed            | EN 13479: 2004, EN ISO 2560-A: 2009 |
| 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:

Burak KÜÇÜKKEÇECİ  
Quality Control Manager