



# The<sup>®</sup> Light Rebar Company

CHANGING THE WORLD ONE REBAR AT A TIME



Management  
System  
ISO 9001:2015

[www.tuv.com](http://www.tuv.com)  
ID 9000035319



**Guimarães**  
**Marca**  
**Guimarães**  
**Branding**

**NORTE**2030  
Programa Regional do Norte

**PORTUGAL**  
**2030**



Cofinanciado pela  
União Europeia



### Lightweight

Easy to transport by hand, 5 times lighter than steel.



### Less Energy

Reduced energy use in production.



### Cost reductions

Measurable gains in transport costs due to light weight.



### Thinner concrete

Thinner concrete envelopes.



### Thermal stability

Thermal stability, mitigating the cracking of concrete and envelopes.



### Electromagnetic compatibility

Immune to radiation and electromagnetic interference.



### Personalised cut

Cut to size in the factory, avoiding post-processing on site.



### Reduced price variation

Little variation in sales price compared to other similar products.



### Corrosion resistant

Possibility of using salt water in the production of concrete.



### Optimised transportation

More efficient transport and logistics.



### Increased durability

Life cycle 3 to 4x that of steel.  
Estimated durability of over 80 years.



### Easy loading

Especially in hard-to-reach places where manual loading is impossible.



### High chemical resistance

High resistance to chemical aggression.



### Low thermal conductivity

Products with low thermal conductivity.



### More Interesting Architecture

Slimmer solutions as they require less concrete cover.



**The Light Rebar Company**®

CHANGING THE WORLD ONE REBAR AT A TIME



The Light Rebar Co.  
R. dos Mártires, 4810-246  
Guimarães



+351 253 718 242



ricardo.cunha@thelrc.eu