



Lloyd's Register  
LRQA

## PRODUCT CARBON FOOTPRINT VALIDATION CERTIFICATE

This is to certify that the carbon footprint data of:

**Composite Manhole Cover KIO**

which is made by

**Industrie Polieco – M.P.B S.r.l.**

**Via E. Mattei 49**

**25046 Cazzago S.Martino (BS) – Italy**

has been approved by Lloyd's Register Quality Assurance Italy to:

**ISO TS 14067:2013<sup>1</sup>**

for the following models:

KIO 300X300 KIO 400X400 KIO 500X500  
KIO 600X600 KIO 700X700 KIO  $\Phi$  800  
KIO 950X950 KIO  $\Phi$  1100  
GRIGLIA 500X500

This certificate is valid only in association with the certificate schedule bearing the same number on which the products and criteria applicable to this approval are listed.

LRQA Reference No: LRC 6019708/0031  
Date of Verification: 22<sup>nd</sup> September 2015  
Current Date: 5<sup>th</sup> November 2015  
Date of Expiry: 23<sup>rd</sup> September 2016

Lloyd's Register Quality Assurance Italy S.r.l.

<sup>1</sup> Greenhouse gases -- Carbon footprint of products -- Requirements and guidelines for quantification and communication.

## CERTIFICATE SCHEDULE

In the professional judgement of the lead verifier, nothing has come to the attention of LRQA that would lead us to believe that the following assessments are not materially correct:

Functional Unit	Carbon footprint (kgCO <sub>2</sub> e)
KIO B125 300x300	10,28
KIO B125 400x400	12,77
KIO B125 500x500	19,44
KIO B125 600x600	28,17
KIO B125 700x700	37,17
KIO B125 O800	42,13
KIO C250 400x400	15,75
KIO C250 500x500	28,32
KIO C250 600x600	41,83
KIO C250 700x700	56,32
KIO C250 O800	52,54
KIO D400 500x500	35,47
KIO D400 O800	72,25
KIO D400 950x950	167,91
KIO D400 O1100	161,89
GRIGLIA 500x500 C250	48,94

**Use of CFP-PCR** No Relevant CFP-PCR exist

**Life cycle assessment tool and index** SimaPro;

**Intended use** Publicly Available – Business to Business

**System boundary option** life cycle assessment from cradle to gate

**Time boundary for data** 2014

**Level of assurance** Limited

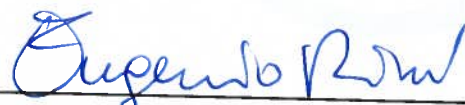
**Level of materiality** LRQA professional judgement

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