



# EPD\_PROJECT DEVELOPED IN 2015 BY SAINT GOBAIN - RIGIPS DIVISION

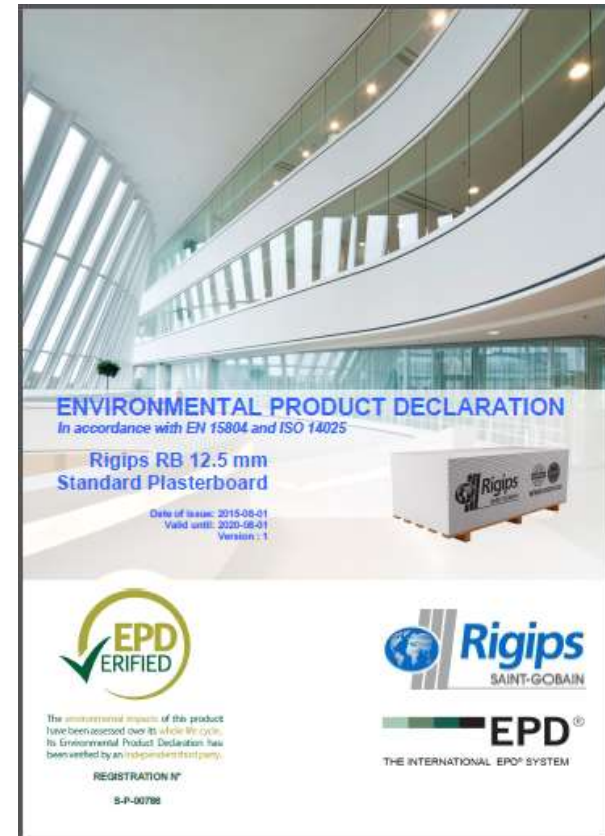
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Date 09/10/2017



# Objectives of the EPD\_Project

- Determination of the environment characteristics for the products manufactured in Romania
  - EPD provides information about:
    - Global warming
    - Energy consumption
    - Water consumption;
    - West production;
    - Non-renewable resources consumption
- SAINT GOBAIN offer our customers tool for obtaining certifications type LEED, BREAM, etc.

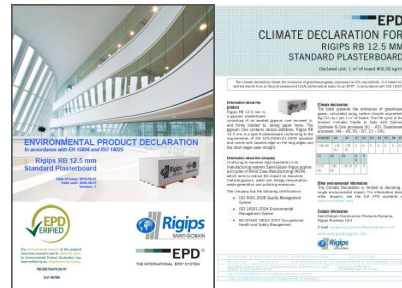
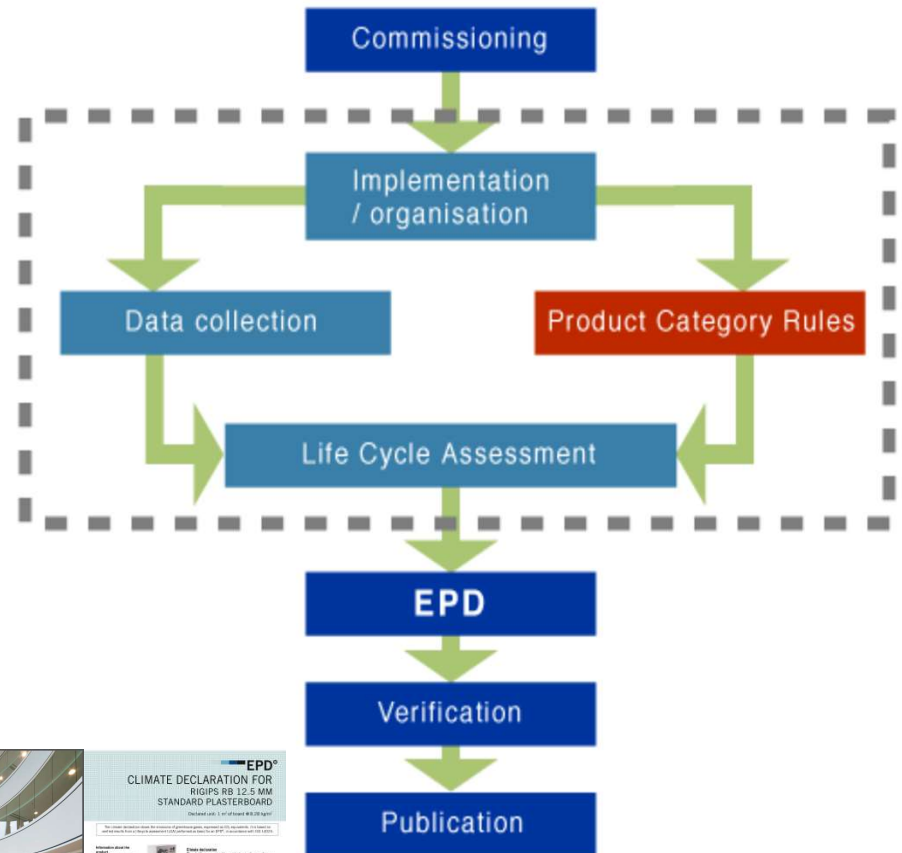


# About EPD\_Project

- STEP 1:
  - Commissioning: choosing the accreditation body
  - Collecting datas in order to establishment PCR;

- STEP 2:
  - LCA;

- STEP 3:
    - EPD
    - VERIFICATION
    - PUBLICATION
- [www.environdec.com](http://www.environdec.com)



# EPD's\_Rigips SG

- 5 EPDs:
  - RB 12.5mm;
  - RBI 12.5mm;
  - RF 12.5mm;
  - RF15mm
  - Rigips Fonic 12.5mm



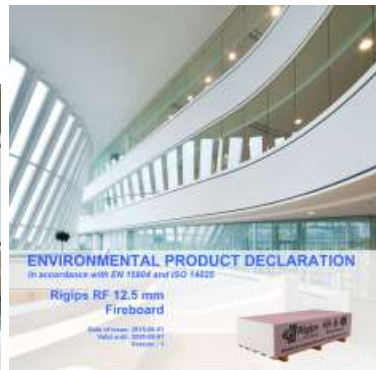
The environmental aspects of this product have been declared over its entire life cycle. An Environmental Product Declaration has been verified by an independent certification body.

REGISTRATION N° S.P. 01716



The environmental aspects of this product have been declared over its entire life cycle. An Environmental Product Declaration has been verified by an independent certification body.

REGISTRATION N° S.P. 01715



The environmental aspects of this product have been declared over its entire life cycle. An Environmental Product Declaration has been verified by an independent certification body.

REGISTRATION N° S.P. 01716



The environmental aspects of this product have been declared over its entire life cycle. An Environmental Product Declaration has been verified by an independent certification body.

REGISTRATION N° S.P. 01717



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REGISTRATION N° S.P. 01718



# EPD's Benefits for Rigips SG

- Easier management of energy consumption
  - Epd's provides detailed information of its energy consumption
- EPD's are the working instrument for investors in order to obtain certificates of green buildings
  - BREEAM
  - LEED
  - DGNB
  - HQE
  - GREEN HOMES



  
**Certified**  
 40-49 points earned

  
**Silver**  
 50-59 points earned

  
**Gold**  
 60-79 points earned

  
**Platinum**  
 80+ points earned

## Barriers to EPD\_Project

- Lack of legislation in order to estimate the life of the materials;
- Lack of legislation relating to the materials resulting from the destroying of the buildings;
- Our products are new on the market and there are not available data relating to the use of the buildings;
- The difficulty to get the data relating to transport (raw materials, packaging, finished products);
- Lack of accreditation bodies in Romania;
  - Cehia:
  - Italy
  - Japan
  - Sweden



**Thank you for  
your attention!**