



**AFITI**  
**LICOF**

Centre for Fire Testing  
and Research

Association for the Promotion of Research and Fire Safety Technology

# Test Certificate

Nº: C9372/17-1.R1

**Applicant**

**RAYCHEM RPG (P) LTD**  
1/62, Near Bharat Petrol Pump, Sativali  
VASAI ( EAST ), INDIA PIN 401208

**Building Element**

**Junction box for electric cable systems required to maintain circuit integrity**

➤ Junction box

- \* Manufacturer: ..... ⊙ **RAYCHEM RPG (P) LTD**
- \* Reference: ..... ⊙ **Fire rated junction Box (FRJB/SE1035-A (FRJ01-FRJ06))**
- \* Description: ..... electric box with metallic cable glands, ⊙CONNECTWELL terminal block with 3 connectors each. The cables are insulated inside the box with mica tape and ceramic sheet.
- \* Dimensions (mm): ..... 150 (length) x 150 (width) x 100 (height)

➤ Electric cables

- \* Type: ..... ⊙ **(N) HXH**
- \* Section: ..... 3 x 4 mm<sup>2</sup> / 2 x 1,5 mm<sup>2</sup>

(⊙) Information issued by the applicant

**Test/s**

**DIN 4102-12:1998:** Fire behaviour of building materials and elements. Part 12: Fire resistance of electrical cable systems required to maintain circuit integrity - Requirements and testing, § 7.3.3.5

**Test Date**

21<sup>st</sup>-Apr -2017

**Certificate for the reports**

Test report n° 9372/17.R1 (issued by AFITI-LICOF on 26<sup>th</sup>- Apr -17)

**Results**

Performance criteria	Results
Integrity of the circuit (E)	90 minutes

**Fire Resistance Classification**

**E 90**

Classification taking as reference what is stated in § 3.2.2. of the standard **DIN 4102-12:1998**

Arganda del Rey, 5<sup>th</sup> of May of 2017

The Developer:

The Supervisor:

Digitally Signed Document



Signed: Sergio Nogueras Perona  
Technician  
Fire Resistance Laboratory

Signed: Magdalena Villegas Barranco  
Technical Director  
Fire Resistance Laboratory

The Test Certificate nr. C9372/17-1.R1 supersedes the Test Certificate nr. C9372/17-1.

The results of this Certificate refer solely and exclusively to the specimens tested, and not to the product in general.

The specified reports include important aspects of the test performance and development which have made it possible to obtain the aforementioned Fire Resistance classification. This certificate should be used together with the referenced reports.

Cancellation or modification of the aforementioned reports implies cancellation or modification of this certificate.

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