



## Product certificate **K86858/04**

Issued 2018-03-15

Replaces K86858/03

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### Thermostatic Mixing Valves

#### STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

### **Caleffi S.P.A.**

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with

Kiwa evaluation guideline **BRL-K610/04**: "Thermostatic Mixing Valves" dated 01-02-2012,

which covers the requirements of

**EN 1111:2017**: "Sanitary tapware; Thermostatic mixing valves (PN10)".

Luc Leroy  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

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**Certification process  
consists of initial and  
regular assessment of:**

- quality system
- product



## Thermostatic Mixing Valves

**Technical specification**

The following products belong to this certificate.

Model	Type	Intended use	Flow rate at 38°C	Acoustic group
521411	4	bath/shower	16.6 l/min	not classified
521412	4	bath/shower	18.3 l/min	not classified
521411 VSH	4	bath/shower	16.6 l/min	not classified
521412 VSH	4	bath/shower	18.3 l/min	not classified
520040 MIX L – DN15	4	bath/shower	25.0 l/min	not classified
520050 MIX L – DN20	4	bath/shower	25.0 l/min	not classified
520060 MIX L – DN25	4	bath/shower	25.0 l/min	not classified
521315	5	shower	26.8 l/min	not classified
521322	5	bath/shower	27.5 l/min	not classified

**APPLICATION AND USE**

The thermostatic mixers are designed for the application in drinking water installations with a working pressure from 50 kPa up to 1000 kPa and a maximum water temperature of 90°C. The recommended limits for correct operation are: a working pressure of 100 kPa up to 500 kPa and a water temperature of maximum 65 °C.

**REMARK**

The specified products were not yet assessed for compliance with all Hygienic Aspects as inserted in the Dutch Drinking Water Decree and outlined in the “Regeling materialen en chemicaliën drink- en warm tapwatervoorziening” (“Regulation materials and chemicals drinking water and warm tap water supply”), implemented 19 July 2011. As specified in the mentioned regulations a transition period applies. Before this date the products shall be tested in accordance with clause 4.3.1 of the Kiwa guideline BRL-K610/03.

**MARKING**

The Kiwa®-mark products are marked with the word mark “KIWA” on the body.

Compulsory specifications:

- name or mark of the manufacturer: on the body;
- indication for choice of temperature: on the control panel;
- flow rate class: on the body;
- acoustic group, if classified: on the body.

Method of marking:

- non-erasable;
- visible after assembly.

**RECOMMENDATIONS FOR CUSTOMERS**

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Caleffi S.P.A.
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.