

**CEGA Sp. z o.o.**  
ul. Frezerów 9D  
20-209 Lublin  
NIP: 527-254-30-71

**QUALITY  
DEPARTMENT**

**CEGA<sup>®</sup>**



**NATIONAL DECLARATION OF PERFORMANCE  
No. DWU DWU 8.03/2022**

**1. Manufacturer:**

CEGA Sp. z o.o., ul. Frezerów 9D, 20-209 Lublin

**2. Product's name:**

**ECS1** – heat shrinkable end-caps, cross-linked, with butyl mastic, for single pipes  
- range of jacket pipe outer diameters -  $\Phi$  90 mm till  $\Phi$  630 mm.

**3. Product's statistical code:** PKWIU - 25.21.21-53

**4. Product's destination and scope of application:** Heat shrinkable end-caps are designed to protect ends of pre-insulated pipes and PUR insulation from water and moisture penetration in chambers, district heating nodes, basements etc. Secure perfect sealing and easy and quick assembly as well as mechanical, thermal, UV resistance, aggressive factors, fungus and mildews.

**5. Technical specification:**

**EN 489-1:2019** - District heating pipes. Bonded single and twin pipe systems for buried hot water networks. Joint casing assemblies and thermal insulation for hot water networks in accordance with EN 13941-1

**6. Declared technical properties of the product:** black colour, sizes and shrink ranges according to CEGA catalogue.

**7. Name and number of the accredited certifying unit or laboratory and certification or test report number, if such unit was participating in the valuating system of the product's conformity:**

Accredited Testing Laboratory (by PCA No AB 414) of the VEOLIA Energy Warsaw S.A.  
– test report No **VVAW/DT/TB/19/1121/2/EN** dated 20.07.2020  
(valuating system of the product's conformity - 3)

**8. Declared performance properties: (applies to document no. DWU 8.03/2022)**

<b>Feature of the construction product</b>	<b>Requirements</b>	<b>Reference document</b>
<b>Material endcap</b>	<i>compliance with the reference document</i>	<b>EN 253:2019 item 4.3.1</b>
<b>Water tightness</b>	<b>≥ 24h after test according EN 489 item 5.2.5</b> <i>compliance with the reference document</i>	<b>EN 489-1:2019 item 5.3</b>
<b>Water tightness</b>	<b>≥ 24h after test according EN 489 item 5.2.5</b> <i>compliance with the reference document</i>	<b>EN 489-1:2019</b>

**We hereby declare that the product is in compliance with technical specification indicated in item 5 above and with the functional properties specified in point 8.  
This declaration of performance is issued in accordance with the Act of April 16, 2004. about construction products.**

Lublin, 01.08.2022

Kierownik Działu Jakości  
  
 mgr Bartłomiej Sady

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 (name and signature of the authorized person)