



Unique identification code of the product-type:	ATLAS ENDER S
Intended use or uses of the construction product:	Product for construction and non-construction concrete repairs in buildings or engineering works.
Manufacturer:	ATLAS Sp. z o.o. ul. Św. Teresy 105, 91-222 Łódź telefon: (042) 631 89 45 fax: (042) 631 89 46 www.atlas.com.pl
System or systems of assessment and verification of constancy of performance:	System 2+
Harmonized standard:	PN-EN 1504-3:2006 (EN 1504-3:2006) Products and systems for the protection and repairs of concrete structures – Definitions, requirements, quality control and evaluation of conformity – Part 3: Construction and non-construction repairs. Notified production control certification body No. 1488 Polish Institute of Construction
Declared performance:	
Essential characteristics	Performance
Compressive strength	R3 class
Chloride ions content	≤ 0,05 %
Adhesion	≥ 1.5 MPa
Limited shrinkage/expansion (dimensional stability) • Adhesion after examination	≥ 1.5 MPa
Carbonation resistance	NPD
Elasticity modulus	≥ 15 GPa
Heat compatibility • Adhesion after 50 cycles	≥ 1.5 MPa
Slip resistance	I and II class
Thermal expansion coefficient	Not required if heat compatibility examination was carried out
Capillary absorption	≤ 0.5 kg/m ² h ^{0.5}
Fire resistance class	A1
Release/content of hazardous substances	SEE: Material Safety Data Sheet
The performance of the product is in conformity with the declared performance range. This declaration of performance is issued in accordance to EU Regulation no. 305/2011 under sole responsibility of the manufacturer listed above.	
Signed for and on behalf of the manufacturer by: Michał Goślawski in Łódź, 08.08.2018 (ed. 1)	
 Michał Goślawski	