

## XE031 S1 ESD SRC



| DESCRIERE                                                                                           | NORMA EN ISO 20345:2011                                                                                                                                                             | REZULTAT                                                                                              | CERINTE NORMA                                                                                                   |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Fete:</b> : Piele intoarsa                                                                       | 5.4.3 Rezistenta la sfasiere<br>5.4.6 Coeficient de Permeabilitatea la vapori de apa                                                                                                | 219 N<br>2.8 mg/cm <sup>2</sup> h<br>29.4 mg/cm <sup>2</sup>                                          | ≥120 N<br>≥ 0,8 mg/cm <sup>2</sup> h<br>≥ 15,0 mg/cm <sup>2</sup>                                               |
| <b>Captuseala caputa :</b><br>Material textil, rezistent la abraziune, asigură aerisirea piciorului | 5.5.1 Rezistenta la sfasiere<br>5.5.2 Rezistenta la abraziune (mediu umed)<br>Rezistenta la abraziune (mediu uscat)<br>5.5.3 Coeficient de Permeabilitatea la vapori de apa         | 48 N<br>Fara decupaj<br><br>Fara decupaj<br><br>4.6 mg/cm <sup>2</sup><br><br>40.6 mg/cm <sup>2</sup> | ≥ 15 N<br><br>25.600 cicluri<br>12.800 cicluri<br><br>≥ 2,0 mg/cm <sup>2</sup><br><br>≥ 20,0 mg/cm <sup>2</sup> |
| <b>Captuseala stail:</b><br>Membrană respirabilă, rezistentă la abraziune                           | 5.5.1 Rezistenta la sfasiere<br>5.5.2 Rezistenta la abraziune (mediu umed)<br><br>Rezistenta la abraziune (mediu uscat)<br><br>5.5.3 Coeficient de Permeabilitatea la vapori de apa | 44N<br>Fara decupaj<br><br>Fara decupaj<br><br>7.9 mg/cm <sup>2</sup><br><br>63.9 mg/cm <sup>2</sup>  | ≥ 15 N<br><br>51.200 cicluri<br>25.600 cicluri<br><br>≥ 2,0 mg/cm <sup>2</sup><br><br>≥ 20,0 mg/cm <sup>2</sup> |
| <b>Bombeau de siguranta:</b><br>Material compozit nemetalic                                         | 5.3.2.3 Rezistenta la impact<br>5.3.2.4 Rezistenta la compresiune                                                                                                                   | 15.5 mm<br>15 mm                                                                                      | ≥ 13.5 mm<br>≥ 13.5 mm                                                                                          |
| <b>Lamela antiperforare:</b><br>Lamelă antiperforație nemetalică, perforație zero                   | 5.7.1 Grosime<br>5.7.3 Absorbția de apa                                                                                                                                             | 3,6 mm<br>96 mg/cm <sup>2</sup>                                                                       | ≥ 2,0 mm<br>≥ 70,0 mg/cm <sup>2</sup>                                                                           |

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| DESCRIPTION                                                            | NORMA EN ISO 20345:2011                                                                                                                                                                                                                                                                        | RESULT                                                                                               | REQUIREMENT                                                                                                        |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>UPPER:</b> Suede leather                                            | 5.4.3 Tear strength<br>5.4.6 Water vapor permeability<br>Coefficient                                                                                                                                                                                                                           | 219 N<br>2,8 mg/cm <sup>2</sup> h<br>29,4 mg/cm <sup>2</sup>                                         | ≥ 120 N<br>≥ 0,8 mg/cm <sup>2</sup> h<br>≥ 15,0 mg/cm <sup>2</sup>                                                 |
| <b>VAMP LINING:</b><br>Breathable, abrasion<br>resistance.             | 5.5.1 Tear strength<br>5.5.2 Abrasion resistance (Wet)<br>Abrasion resistance (Dry)<br>5.5.3 Water vapor permeability<br>Coefficient                                                                                                                                                           | 48 N<br>No holes<br>No holes<br>4,6 mg/cm <sup>2</sup> h<br>40,6 mg/cm <sup>2</sup>                  | ≥ 15 N<br>25.600 cycles<br>12.800 cycles<br>≥ 2,0 mg/cm <sup>2</sup><br>≥ 20,0 mg/cm <sup>2</sup>                  |
| <b>QUARTER LINING:</b><br>Breathable, abrasion<br>resistance.          | 5.5.1 Tear strength<br>5.5.2 Abrasion resistance (Wet)<br>Abrasion resistance (Dry)<br>5.5.3 Water vapor permeability<br>Coefficient                                                                                                                                                           | 44 N<br>No holes<br>No holes<br>7,9 mg/cm <sup>2</sup> h<br>63,9 mg/cm <sup>2</sup>                  | ≥ 15 N<br>51.200 cycles<br>25.600 cycles<br>≥ 2,0 mg/cm <sup>2</sup><br>≥ 20,0 mg/cm <sup>2</sup>                  |
| <b>SAFETY TOE CAP:</b><br>Non-metallic<br>polycarbonate safety<br>toe. | 5.3.2.3 Impact resistance<br>5.3.2.4 Compression resistance                                                                                                                                                                                                                                    | 15,5 mm<br>15 mm                                                                                     | ≥ 13,5 mm<br>≥ 13,5 mm                                                                                             |
| <b>PIERCE-RESISTANCE:</b><br>Textile pierce proof<br>footbed,          | 5.7.1. Thickness<br>5.7.3 Water absorption                                                                                                                                                                                                                                                     | 3,6 mm<br>96 mg/cm <sup>2</sup>                                                                      | ≥ 2,0 mm<br>≥ 70,0 mg/cm <sup>2</sup>                                                                              |
| <b>FOOTBED:</b> Removable,<br>cushioned, antistatic<br>insole.         | 5.7.4.2 Abrasion resistance (Wet)<br>Abrasion resistance (Dry)                                                                                                                                                                                                                                 | No holes<br>No holes                                                                                 | 25.600 cycles<br>12.800 cycles                                                                                     |
| <b>OUTSOLE:</b> PU 1D, Antislip<br>sole, SRC                           | 5.8.2 Tear strength<br>5.8.3 Abrasion resistance<br>5.8.4 Flexing resistance<br>5.8.5 Hydrolysis<br>6.4.2 Oils resistance<br>5.11 Pressed ceramic tile floor on<br>detergent resistance<br>Flat slip<br>Heel slip<br>Stainless steel plate on glycerin<br>resistance<br>Flat slip<br>Heel slip | 6,7 kN/m<br>169 mm <sup>3</sup><br>2,5 mm<br>3,5 mm<br>0,2 %<br><br>0,49<br>0,48<br><br>0,26<br>0,22 | ≥ 5 kN/m<br>≤ 250 mm <sup>3</sup><br>≤ 4,0 mm<br>≤ 6,0 mm<br>≤ 12%<br><br>≥ 0,32<br>≥ 0,28<br><br>≥ 0,18<br>≥ 0,13 |

**MISURE : 35-48**

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|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Acoperis de brant:</b> Talpa interioara detasabila, captusita, antistatica | 5.7.4.2 Rezistenta la abraziune (mediu umed)<br>Rezistenta la abraziune (mediu uscat)                                                                                                                                                                                                                                                                                                                                           | Fara perforatii<br>Fara perforatii                                                                | 25.600 cicluri<br>12.800 cicluri                                                                                     |
| <b>Talpa:</b> PU 1D talpa aderenta, SRC                                       | 5.8.2 Rezistenta la sfasiere<br>5.8.3 Rezistenta la abraziune<br>5.8.4 Rezistenta la flexare<br>5.8.5.Hidroliză<br>6.4.2 Rezistenta la uleiuri<br>5.11 Rezistenta la alunecare pe placi ceramice spalate cu detergent<br>Alunecare pe suprafata totala a talpii<br>Alunecare pe calcai<br>Rezistenta la alunecare pe placi din otel acoperite cu glicerina<br>Alunecare pe suprafata totala a talpii<br><br>Alunecare pe calcai | 6.7 kN/m<br>169 mm <sup>3</sup><br>2.5 mm<br>3.5 mm<br>2%<br><br>0.49<br>0,48<br><br>0,26<br>0,22 | ≥ 5 kN/m<br>≤<br>250mm <sup>3</sup><br>≤ 4,0 mm<br>≤ 6,0 mm<br>≤ 12%<br><br>≥ 0,32<br>≥ 0,28<br><br>≥ 0,18<br>≥ 0,13 |

## MARIMI : 35-48 MONDOPOINT 11

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## EXENA DECLARATIE DE CONFORMITATE UE M22 -Vers. 00

Conform cu cerințele esențiale stabilite în anexa II Regulamentul (UE) 2016/425,  
**Exena srl** DECLARA ca echipamentul individual de protecție și lotul  
respectiv de producție descris mai jos:

Articol: **XE031 S1 ESD SRC**



Standard: EN ISO 20345:2011

Clasa: II

Categoria de marcaj: S1 ESD SRC

Nr. certificat: F-161-24933-17

Data: 08.09.2017

EMIS DE: CIMAC-0465

Civitanova Marche,

Aplicata parafa firmei EXENA S.R.L.

Sediul in Via Breda, 7/A

Civitanova Marche (MC), ITALIA ,

Semnatura ilizibila

## CONFORMITY CERTIFICATE N°2017/1844-1-ESD-8

Relatively to the following sample:

*Low shoe art. "XE031 S1 ESD SRC"*

*(low shoe for professional use size from 35 to 48)*

**EC Type-Examination Certificate N°0161/24933/17 dated 08/09/2017**



Submitted by:

EXENA SRL  
VIA BREDA 7/A Z.I.A  
62012 CIVITANOVA MARCHE MC

*The item above mentioned has been tested by ANCI SERVIZI SRL a socio unico - SECTION CIMAC according to CEI EN 61340-5-1:2016, CEI EN 61340-4-5:2006 and CEI EN 61340-4-3:2002 standards issuing the test report n. 2017\1844-1-RP-7 of 08/09/2017.*

*With reference to the tests carried out, ANCI SERVIZI SRL a socio unico - CIMAC*

## GRANTS

*that the tested sample complies with what prescribed by CEI EN 61340-5-1:2016, CEI EN 61340-4-5:2006 and CEI EN 61340-4-3:2002 standards concerning the requirements for specific ESD protection elements of electronic devices (application field relating to the production and use of electronic devices).*

Vigevano, 08/09/2017

  
Technical Responsible  
Giuseppe Bellotti

The contents of this certificate refer only to the sample received and to the tests reported in the above mentioned test report.  
This attestation has no validity for approval, certification, supervision and/or control towards this or whatsoever product related.