


1.	<p><b>ENTECH</b> Brand identification of product type with the system <b>CLAQ</b>® :</p> <p>Intended use :</p> <p>Number allowing identification of the construction product:</p> <p>Manufacturer</p>	<p><b>AISI316 V4A (NAME &amp; CODE)</b> DRITTA (105) - RATIO(104) - LOFT (108) - SECURITY(107) - COMO(151) - JAZZ(109) - SCUDO (106) BLADE(064)</p> <p><b>AISI304 V2A+ (NAME &amp; CODE)</b> : SALO (123) - RIVA(125) - TORRI (124) - FASANO (126) - CHORI (132) - CATULLO(127)</p> <p>Doors - windows</p> <p>Brand,commercial name, ID Numbers and norms &amp; grade are indicate on the sticker of the packaging, the Catalogue and Listing</p> <p>ENTECH SRL via valle sabbia, 27 25076 Odolo (BS) Italy</p>
5.	System for the assessment of constancy of performance	system 3
6.	<p>Notified Body</p> <p>Notified Body</p>	<p><b>IFT</b> Rosenheim has performed the performance test according to DIN EN 1906 : 2010 , has prepare the classification report and issue the test certificate on the 20 april 2012 PB-G03-03-de-01: 11-003205-PR05</p> <p><b>ITB</b> instytut Techniki Budowlanej of Warszawa has performed the performance test according to EN1634-1: 2008 made on the 30.10.2013. The classification test report FIRES-FR-176-13-AUNE and issue the test certificate n° LP01-00893/14/R74NP. Fire time test PN_EN 13501-2+A1: 2010 (2.1) - EI(2) 15 - EI(2) 30 - EI(2) 45 EI(2) 60.</p>
7.	<p><b>Declare of Performance: DOP</b></p> <p>7.1 Category of use:</p> <p>7.2 Durability</p> <p>7.3 Door tickness</p> <p>7.4 Fire resistance</p> <p>7.5 Safety (optional test)</p> <p>7.6 Corrosion resistance DIN EN 1670 for DIN EN 1609</p> <p><b>BIOV® finish treatment</b></p> <p>Biov® surface is ipoallergenic elements, which can generate a reaction in the user.</p> <p>Biov® on special requirement for technosteel finish the surface is antibacterial with Abaco treatment. Is a thin film antibacterial coating how have the strength, durability of Biov® with an assured <b>nanotechnology</b> providing exeptional antibacterial properties. The treatment inhibit completely the growth of bacteria and eliminate them. the treatment is everlasting , continues throughout the activite life of the object and improve over time</p> <p></p> <p>Color parameter lucidity</p> <p>NSS test</p> <p>Galvanic grip</p> <p>Tickness</p> <p>Resistance</p> <p>Pvd grip</p> <p>Color parameter stability</p> <p>Acids and alkalis resitance</p> <p>7.7 Breack in security</p> <p>7.8 Model type</p> <p>7.9 Emergency exit</p>	<p><b>Grade 4.</b></p> <p>200.000 cycles test</p> <p>Not use</p> <p><b>Grade 1.</b></p> <p><b>Grade 0.</b></p> <p><b>Grade 1.</b> ( only for emergency exit DIN EN179 with the safety spindle)</p> <p><b>Grade 5.</b> (<i>BIOV® Finish</i>) <b>Extremely high</b></p> <p>TECHNOSTEEL ON <b>AISI316 V4A &amp; AISI304 V2A</b></p> <p>Chromium, mercury, nickel or cadmium.....</p> <p>International standard guidelines : Japanese industrial standard JIS Z 2801:2010/A1 : 2012 "antimicrobial products - test for antimicrobial activity and efficacy" (<i>this standard is the most rigorous and widely applied by the scientific community</i>) the effectiveness of the coating has been tested against th strains Escherichia coli (Gram negative) and Staphylococcus aureus (Gram positive)</p> <p>tecnosteel finish : E.coli 5,08 - S.aureus 4,94 (<i>R&gt;2 = bactericide properties</i>)</p> <p>ASTM E1164</p> <p>UNI-ISO 9227 PCQ05 &gt; 2000 hrs</p> <p>( <i>The product need to be cleaned min 2 times years</i>)</p> <p>UNI-ISO 4524-5 : termical schock 250 C°</p> <p>medium : Um 0,2</p> <p>ISO- 14577: &gt;HV 2000</p> <p>ASTM C1624</p> <p>ASTM D870-92 : in ultra demi water at 80C° for 24 Hrs</p> <p>Cloridric, Solforic,Nitric, Ossalic,potassium hydroxide, soda, cyanide, alkaline greasy</p> <p>Grade 0.</p> <p>level A</p> <p>DIN EN179 ( the handle need to use the safety spindle)</p> <p>( <i>test made with the electronic panic lock of Sudmetal company</i>)</p>
8.	<p>The performance of the product identified in point 1. and 2. is in conformity with the declare performance in point 6 and 8. This DOP is issued under the responsability of the manufacturer identitfied in point 3.</p>	

Signed for and on behalf of the manufacturer by

Pascal Leclercq  
CEO  
Odolo 12 June 2015