

To: Our Customers

**Subject: OLDA flush bolts, European Standards, testing and the CE-mark.**

From time to time we get the question if a certain flush bolt from the OLDA range is CE-marked or if we have a certificate from a fire testing of that product.

We will in this text try to briefly summarize the current situation with regards to flush bolts and their applicable European Standards:

EN 12051 Building Hardware - Door and window bolts  
- requirements and test methods

prEN 1634-1 Fire resistance test for door and shutter assemblies,  
Part 1: Fire doors and shutters

EN 1670 Building Hardware - Corrosion resistance  
- requirements and test methods

### **CE-mark**

To be able to CE-mark a product, not only is a published European Standard necessary, it also needs to be harmonized. Currently EN 12051, the standard including manual and automatic flush bolts etc, is not harmonized, and no plans exists within the nearest future to do so.

### **Fire-certificates**

With the current standards and test methods (mainly EN 1634), it is not possible to test an individual flush bolt, instead a complete door system needs to be put through a fire test. Usually it is a door manufacturer or distributor which decides to fire-test the door system it intends to market as fire proof, complete with all the different door fittings. So although we know that our products have been tested and passed in many fire tests throughout Europe, we have no official certificate to distribute, since the certificate belongs to the company which performed the test and another customer would need to use the same door and accessories as used in the test.

### **"Requirements and test methods"**

The European Standards are usually specifying both the requirements of a certain product and also test methods which can be used to validate products according to these requirements. OLDA Innovation has now more than 20 years experience in the business and have gained a lot of knowledge regarding requirements, tests and the demands of different customer segments. When developing a new product we always try to combine our previous experience together with the current standards to make the result a high quality product which can meet the different demands of present and future customers.

We are always improving the product range with regards to quality, function and durability. Also security, emergency solutions and fire safety issues are top priorities at our company.

*We hope that this information will aid your company when discussing these issues with your clients and that you continue to recommend high quality door fittings from OLDA Innovation AB !*

Best regards,



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Marketing Manager, OLDA Innovation AB

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