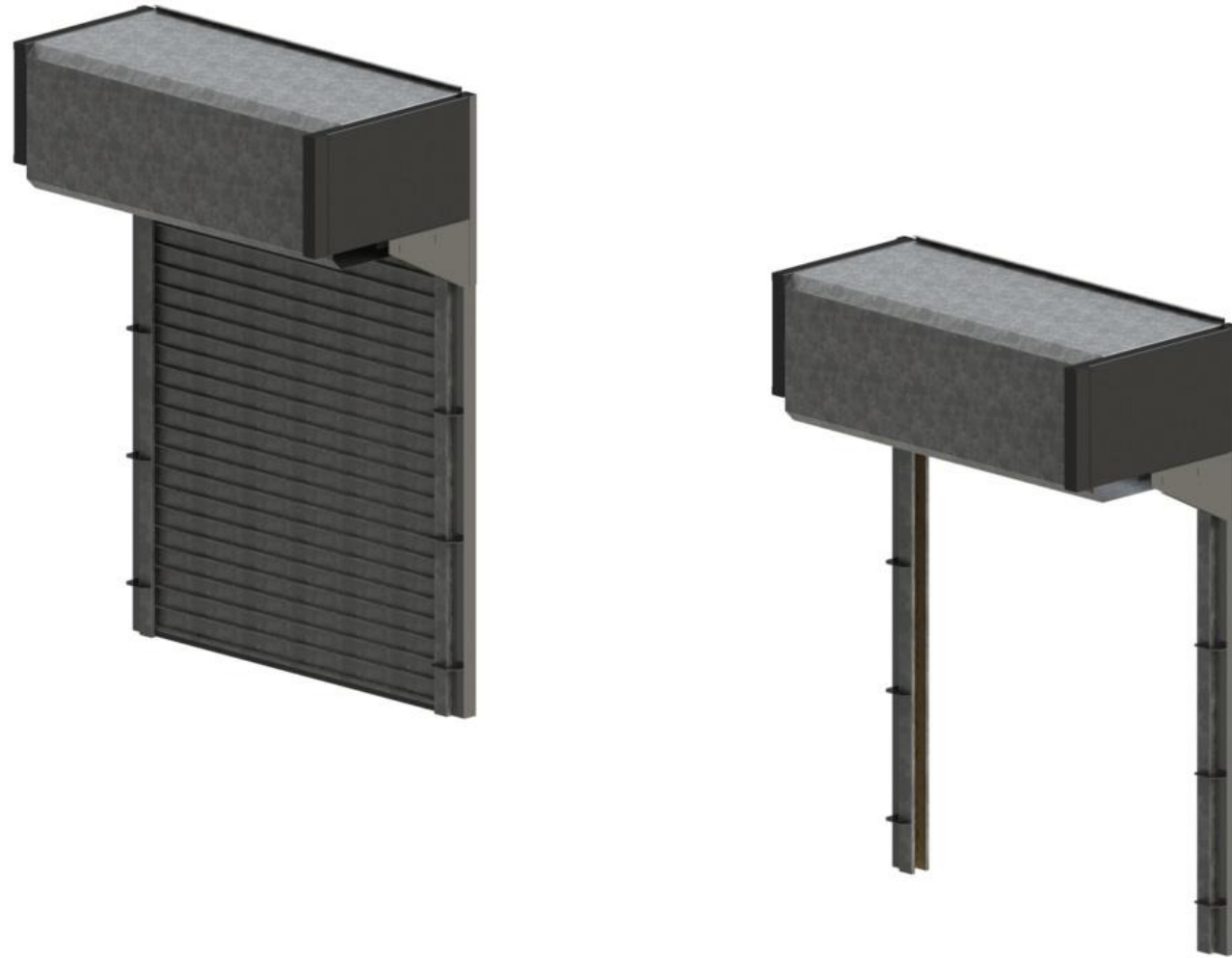


# ΒΙΟΜΗΧΑΝΙΚΟ ΠΥΡΑΝΤΟΧΟ ΡΟΛΟ ΕΙ60





ΣΥΝΟΠΤΙΚΟ ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΑΣΤΑΣΗΣ

# ΠΙΣΤΟΠΟΙΗΤΙΚΑ ΚΑΤΑΤΑΞΗΣ ΠΥΡΑΝΤΙΣΤΑΣΗΣ - EN 13501-2:2016

NATIONAL TECHNICAL UNIVERSITY OF ATHENS SCHOOL OF APPLIED MATHEMATICAL AND PHYSICAL SCIENCES DEPARTMENT OF MECHANICS LABORATORY OF TESTING AND MATERIALS	
CLASSIFICATION REPORT FOR ROLLING SHUTTER	Issuing Date: 28-02-2022
Codir: A-06-EN-2.4	Issue No: 1
	Page: 1 / 6

NATIONAL TECHNICAL UNIVERSITY OF ATHENS



Testing Certificate No. 775-3

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DEPARTMENT OF MECHANICS  
LABORATORY OF STRENGTH AND MATERIALS  
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✉ Email: [tsopolas@central.ntua.gr](mailto:tsopolas@central.ntua.gr)

## CLASSIFICATION OF FIRE RESISTANCE

in accordance with EN 13501-2:2016

Sponsor:	<b>KOLLIAS LTD</b> 3rd km KATERINI – THESSALONIKI NATIONAL ROAD, P.O.BOX KATERINI 60100, GREECE Tax. Reg. Number: 095675664 Tel : +30-23510.36036, fax: +30-23510.45630 Email: <a href="mailto:info@kolliasdoors.com">info@kolliasdoors.com</a>
Prepared by	Laboratory of Strength and Materials National Technical University of Athens
Notified Body No:	NB 2739
Product Name	Fire Rolling Shutter commercial name "RSM-FR 100"
Classification Report No.:	01-C /2022
Issue No.	1
Date of Issue	15.04.2022

### 1. INTRODUCTION

This classification report defines the classification assigned to the **Fire Rolling Shutter** under the commercial name "**RSM-FR 100**", for integrity and thermal insulation, in accordance with the procedures described in EN 13501-2:2016

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2021 Laboratory of Strength and Materials

## 4. CLASSIFICATION

### 4.1. Reference of Classification

The classification of the tested element is carried out in accordance with Clause 7 of EN13501-2:2016

### 4.2. Classification

The element :

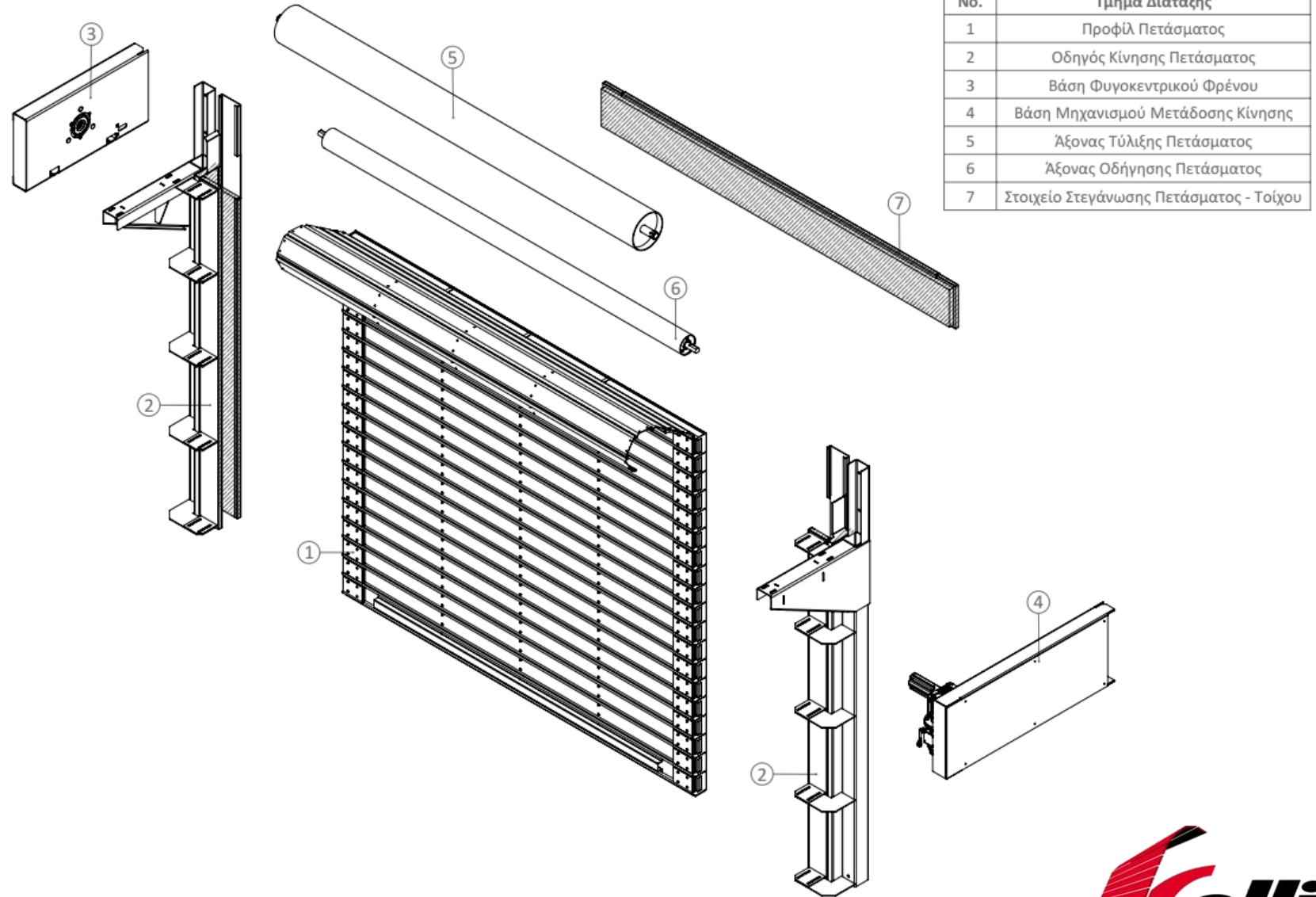
«Fire Rolling Shutter

UNDER THE COMMERCIAL NAME "RSM-FR 100",

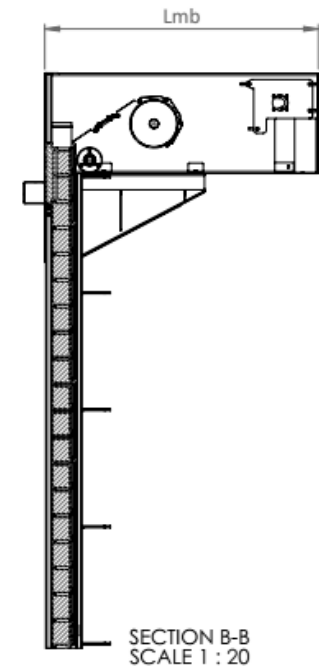
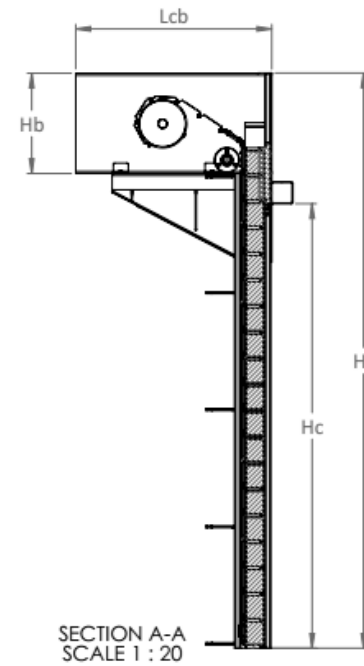
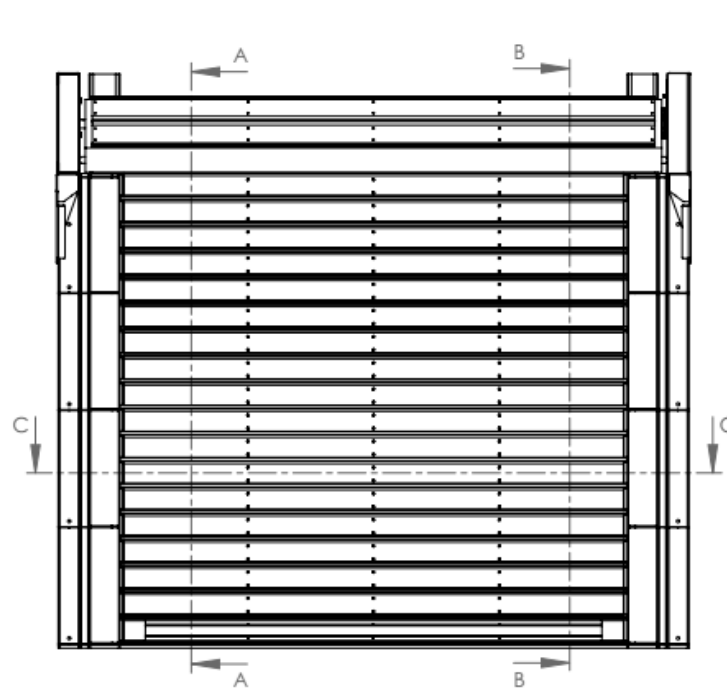
is classified as follows:



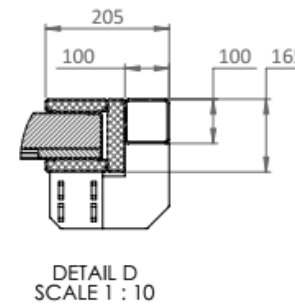
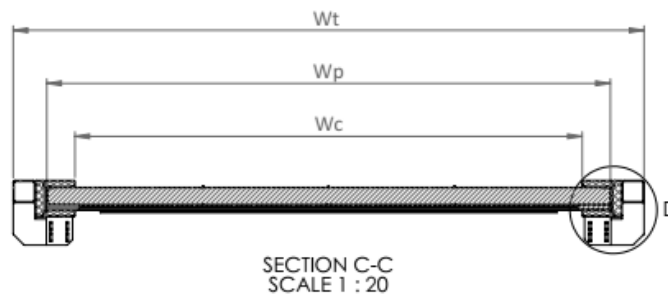
# ΣΤΟΙΧΕΙΑ ΣΥΝΘΕΣΗΣ ΠΥΡΑΝΤΟΧΟΥ ΡΟΛΟΥ



# ΒΑΣΙΚΕΣ ΔΙΑΣΤΑΣΕΙΣ – ΟΛΙΚΟ ΠΛΑΤΟΣ ΔΙΑΤΑΞΗΣ

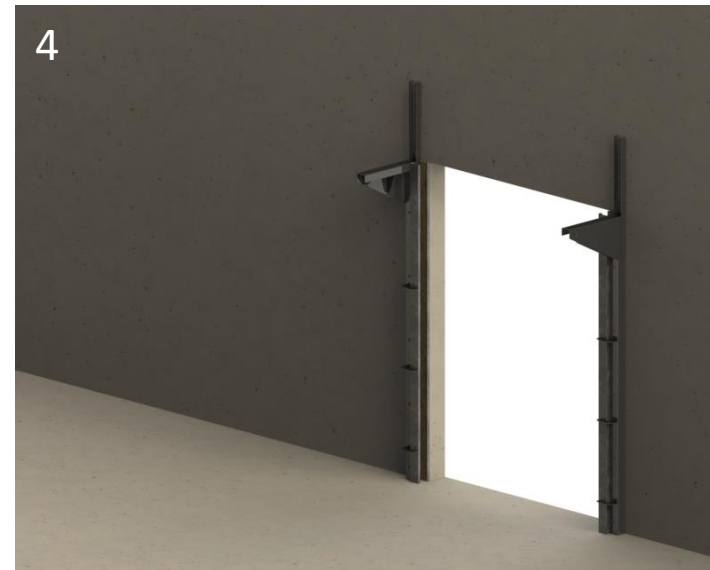
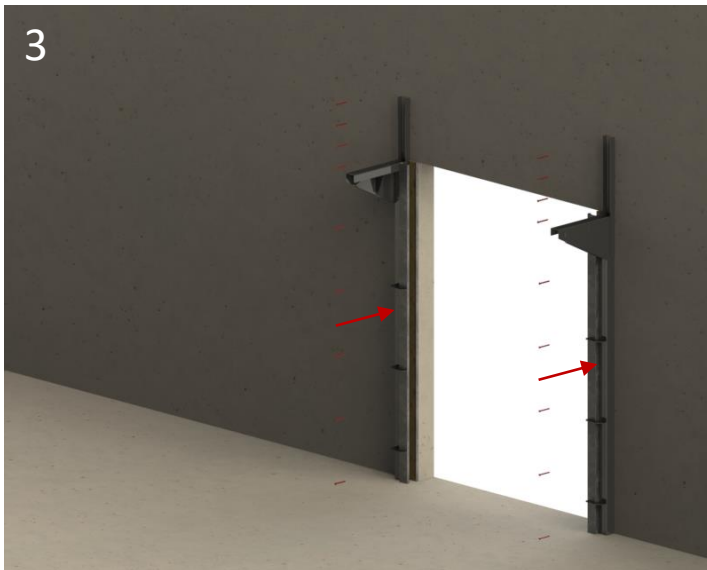
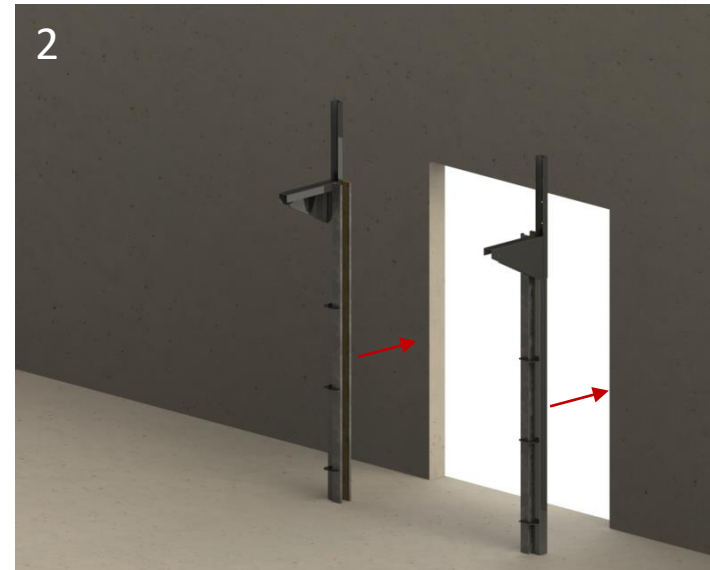
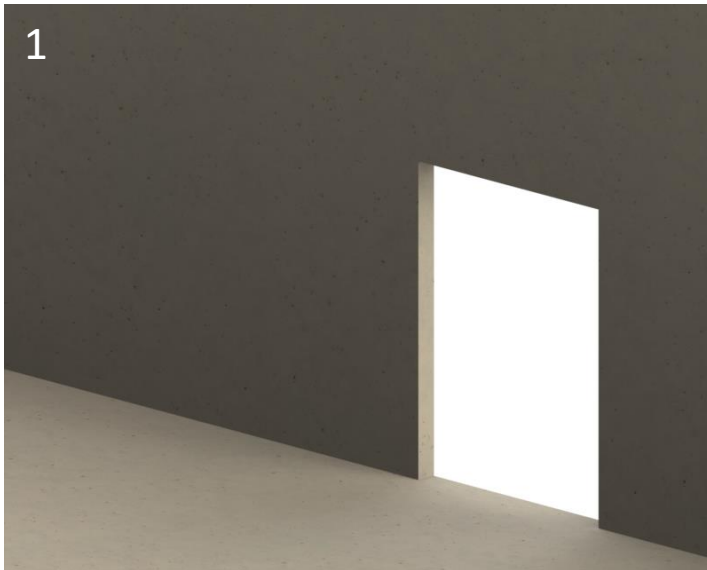


$W_t = W_p + 260\text{mm}$



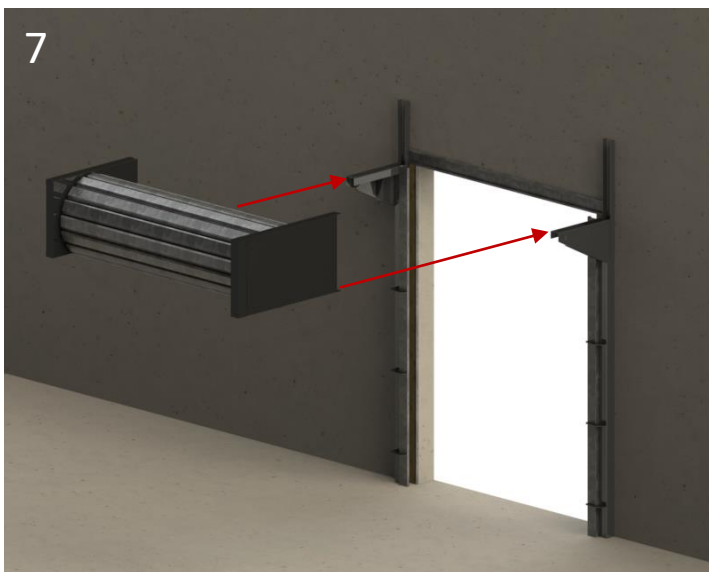
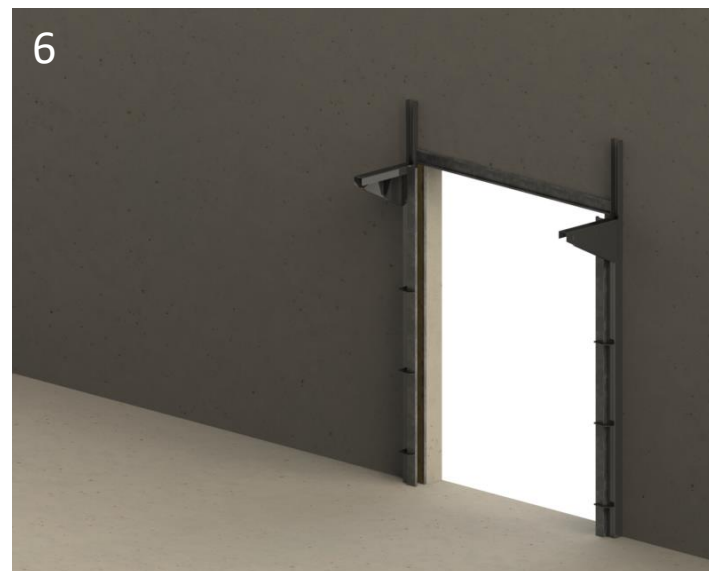
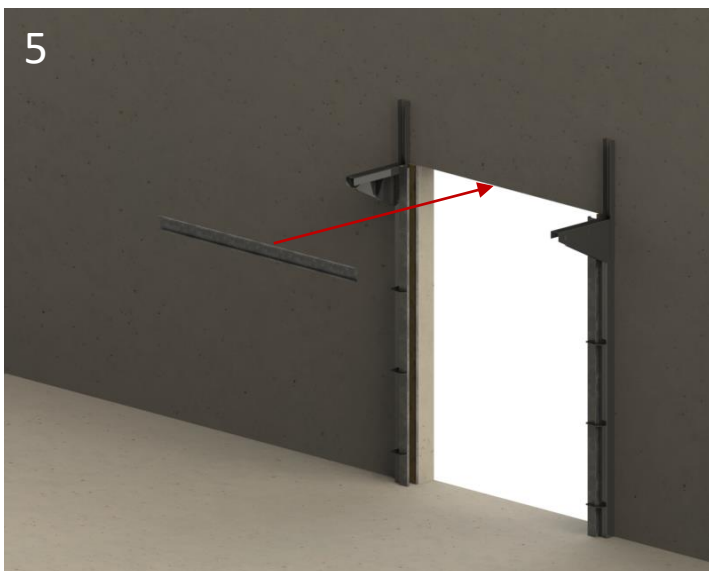
Wt	Ολικό Πλάτος Διάταξης
Wp	Μήκος Προφίλ
Wc	Καθαρό Πλάτος Διέλευσης
Ht	Ολικό Ύψος Διάταξης
Hc	Καθαρό Ύψος Διέλευσης
Hb	Ύψος Βάσης
Lcb	Μήκος Βάσης Φυγοκεντρικού Φρένου
Lmb	Μήκος Βάσης Συστήματος Κίνησης

# ΜΕΘΟΔΟΛΟΓΙΑ ΕΓΚΑΤΑΣΤΑΣΗΣ – ΣΤΑΔΙΑ 1-4

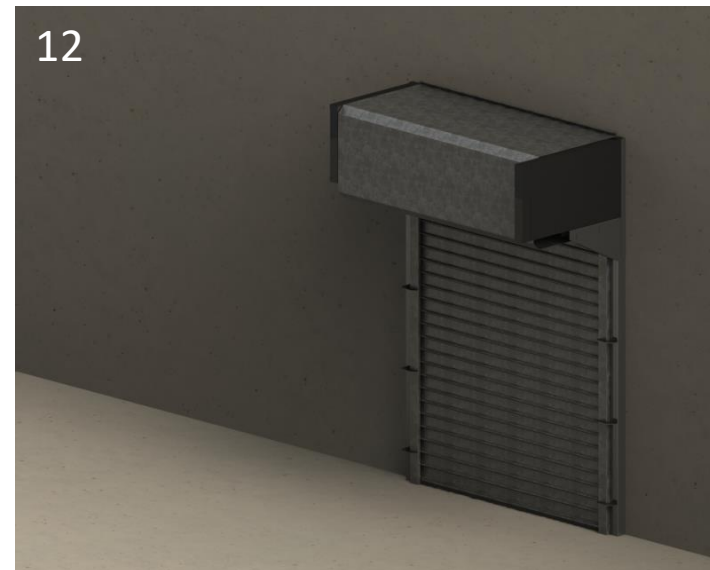
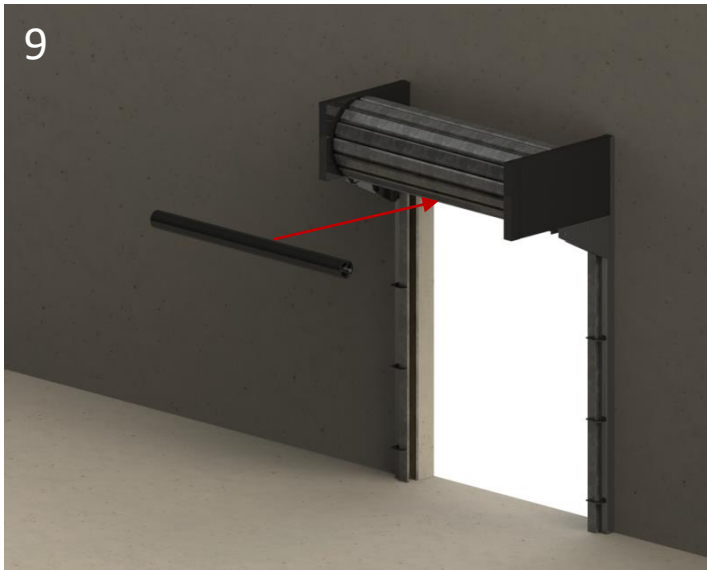


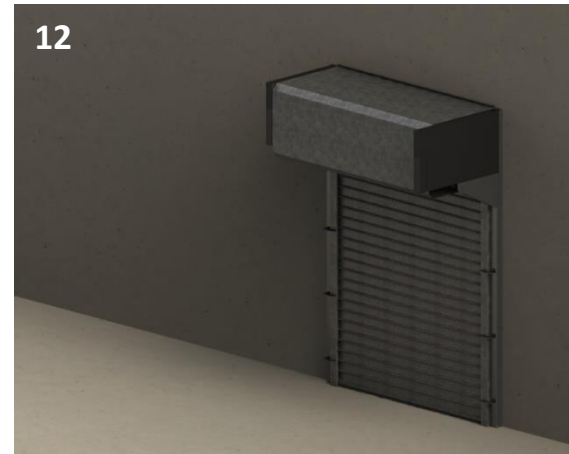
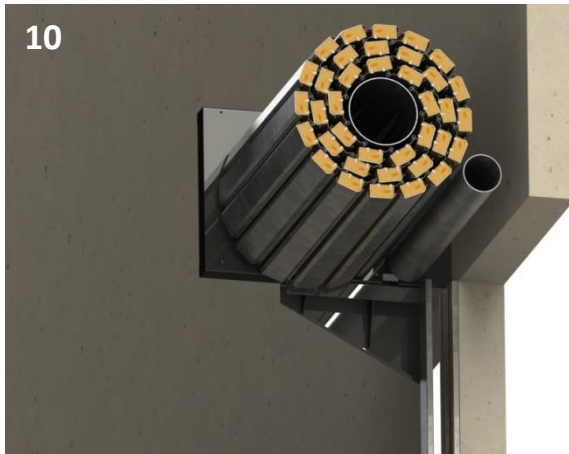
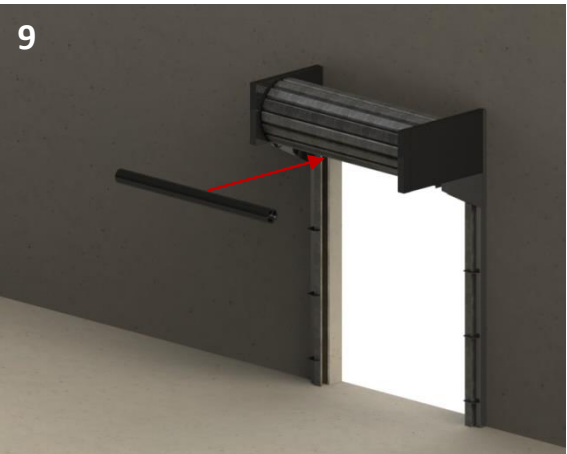
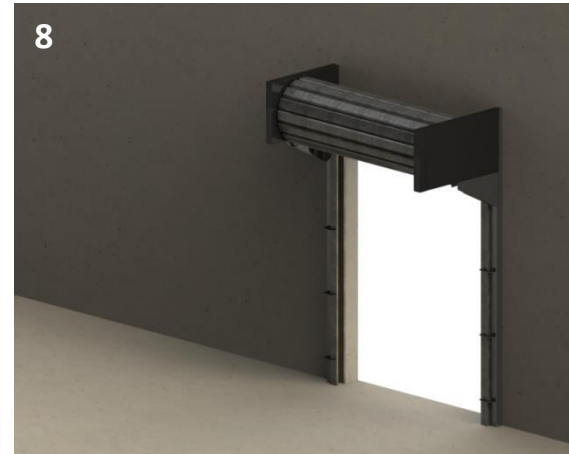
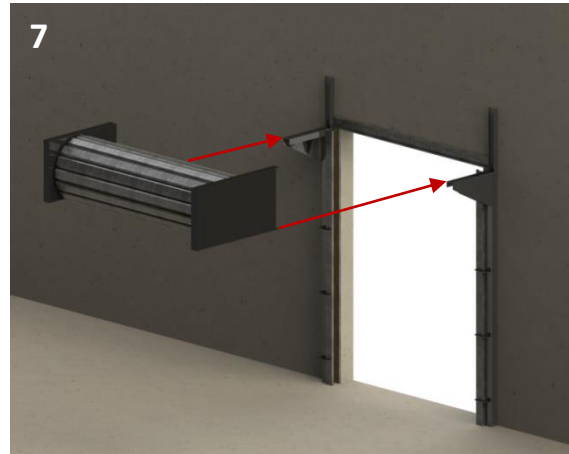
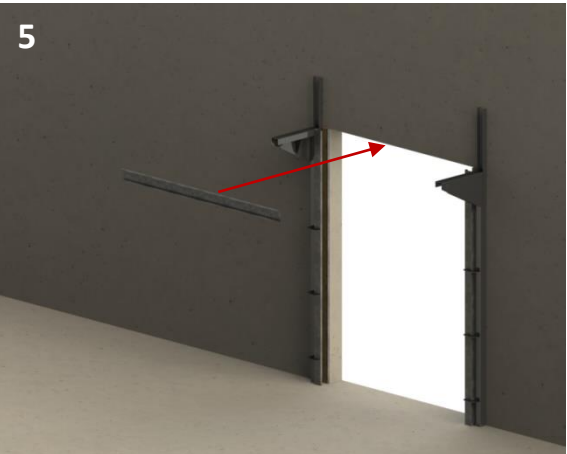
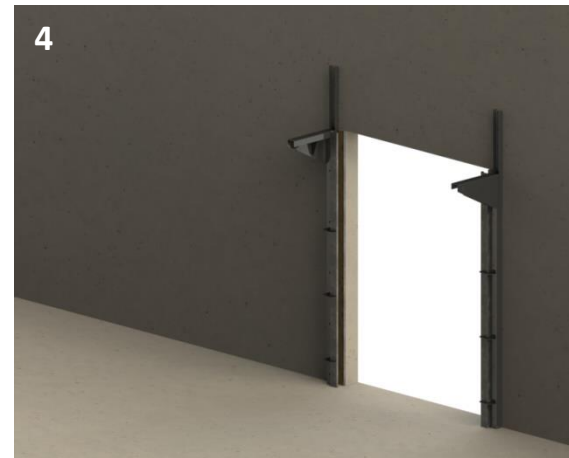
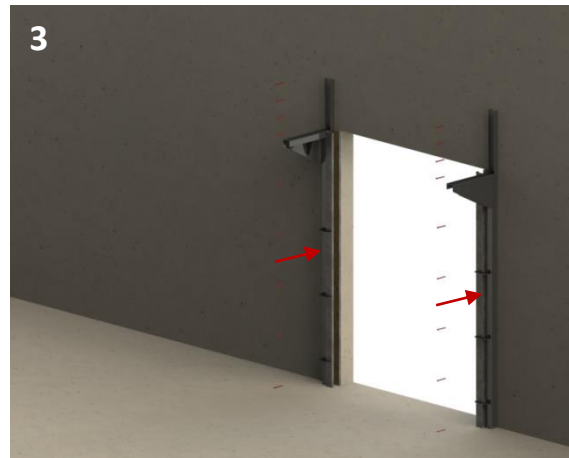
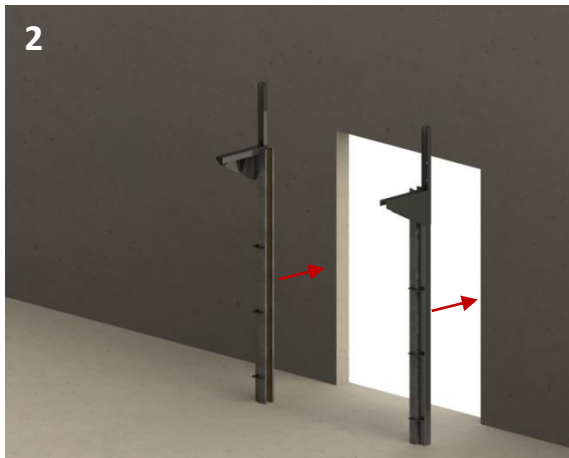
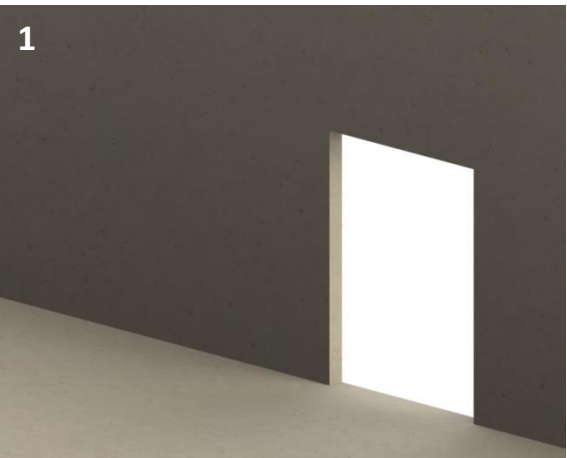


# ΜΕΘΟΔΟΛΟΓΙΑ ΕΓΚΑΤΑΣΤΑΣΗΣ – ΣΤΑΔΙΑ 5-8



# ΜΕΘΟΔΟΛΟΓΙΑ ΕΓΚΑΤΑΣΤΑΣΗΣ – ΣΤΑΔΙΑ 9-12









**Όμιλος Εταιρειών**

**KOLLIAS LTD – SMART DOORS**

3<sup>ο</sup> χλμ. Εθνικής Οδού Κατερίνης - Θεσσαλονίκης

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