



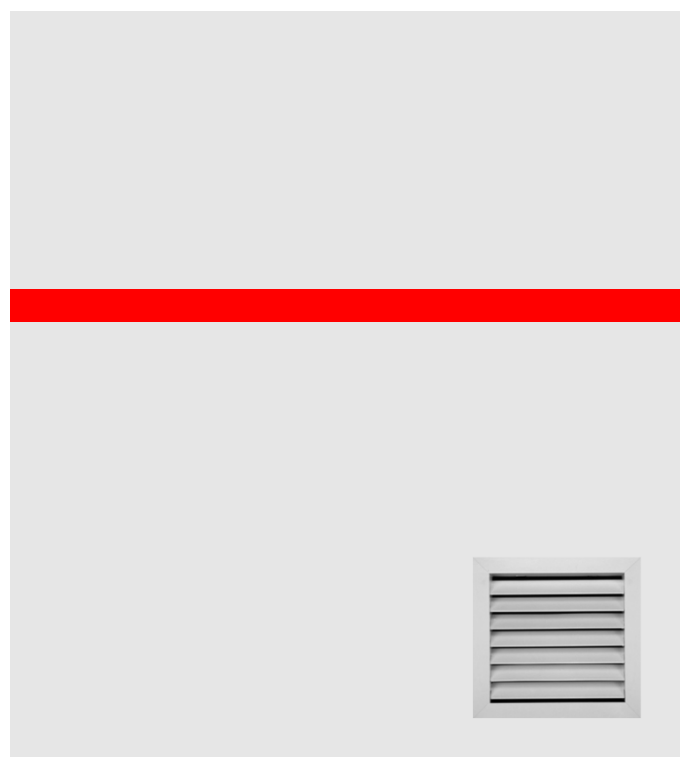
FTR air transfer expanding grilles EI 60 / EI 120

FTR series grilles are designed for the passage of air at ambient temperature through compartmentation elements designed for fire resistance.

- Sealing of the ventilation gap by expansion of the intumescent material.
- Mounting on walls or partitions.
- Tested according to EN 1363-1.
- Fire integrity and thermal insulation for 60 or 120 minutes according to EN 1364-5 test standard.

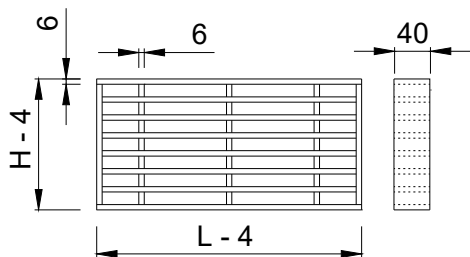
Product advantages:

- No maintenance required.

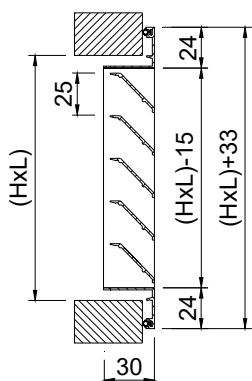


- Storage rooms
- Material warehouses

FTR



DMT-AR



CLASSIFICATION

FTR Rectangular expanding grille EI 60.

MATERIAL

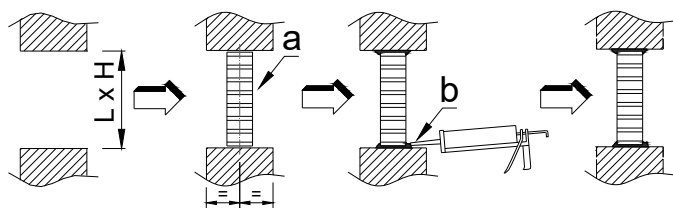
Grille made of sodium silicate covered in PVC.

ACCESSORIES

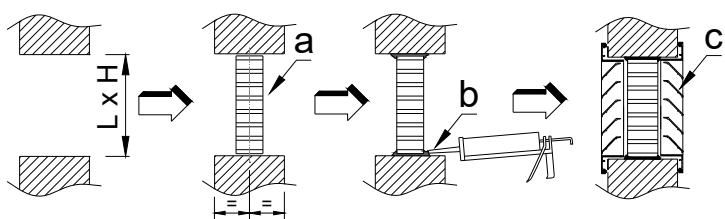
DMT-AR (T) Return grille made from aluminium with fixed blades at 45°. Necessary in the installation, if EI 120 fire resistance is required.

TM Expanding filler tube.

EI 60



EI 120



FIXING SYSTEMS

1) Resistance EI 60

Mounting of FTR on site. Gaps must be filled with expanding filler TM.

2) Resistance EI 120:

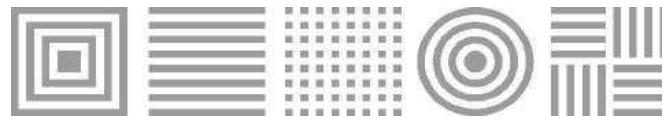
Mounting of FTR on site. Gaps must be filled with expanding filler TM. Installation on both sides of DMT-AR (T) grilles, fixed with visible screws.

SPECIFICATION TEXT

Supply and mounting of expanding grille for ventilation through compartmentation elements EI 60 (integrity and insulation during 60 min) **FTR** series, dim. LxH, constructed from sodium silicate covered in PVC.

MADEL brand.

FTR	A free (m2)
100x100	0,006
200x100	0,012
150x150	0,014
300x150	0,028
200x200	0,025
400x200	0,050
300x300	0,056
600x300	0,112
400x400	0,100
500x500	0,156
600x600	0,224

**DECLARACIÓN DE CONFORMIDAD**

Nombre del Fabricante
Manufacturer's name

MADEL Air Technical Diffusion, S.A.
C/Pont de les bruixes, P-5
E-08540 Centelles (Barcelona)
CIF N° A08193963
Tel. (+34) 93 889 80 91 – Fax(+34) 93 889 82 19
info@madel.com . <http://www.madel.com>

Especificación
Specification

Rejillas intumescentes FTR
Transfer expanded grilles FTR

Normas de referencia
Reference Rules

UNE EN 1364-5:2017: Fire resistance tests for non-load bearing elements.
Part 5: air transfer grilles;
UNE EN 1363-1:2012: Fire resistance tests. Part 1: General requirements

Declaramos bajo nuestra exclusiva responsabilidad, la conformidad que las rejillas intumescentes modelo **FTR**, comercializadas por

MADEL AIR TECHICAL DIFFUSION S.A.

Y correspondientes a la referencia **VENTILODICE** modelo **V40** del fabricante **ODICE**.

Están clasificadas **EI 120** de resistencia al fuego según informe de ensayo 07429-001-1 emitido por **Tecnalia Research and Innovation** en base a las normas de referencia descritas anteriormente.

*We declare, under our sole responsibility, the conformity that the **FTR** intumescent grilles, sold by*

MADEL AIR TECHICAL DIFFUSION S.A.

*And corresponding to the reference **VENTILODICE** model **V40** from the manufacturer **ODICE**.*

*They are classified **EI 120** for fire resistance according to **Tecnalia Research and Innovation** test report no. 07429-001-1 based on the reference standards described above.*

MADEL Air Technical Diffusion, S.A.
C. Pont de les Bruixes, P-5 - P. I. La Gavarrà
08540 CENTELLES (Barcelona) ESPAÑA
Tel. (+34) 93 889 80 91 - Fax (+34) 93 889 82 19
Joan Arcarons Alibés
(Technical Manager)

Centelles, 31 març 2023