

Technical Opinion FC10138-001

Technical Opinion Summary



This is to certify that the specimens described below have been examined by BRANZ on behalf of the sponsor.

Sponsor

Reynaers Aluminium N.V./S.A.
Oude Liersebaan 266
2570 Duffel
Belgium

Reference BRANZ Reports Technical Opinion FC10138-001

Referenced Standard AS 1530.4:2014

Specimen Name: Reynaers CS 77-FP Glazed Screens and Doorsets

Specimen Description: Glazed screens constructed with the Reynaers CS 77-FP30 and CS 77-FP60 aluminium profiles, as described in test reports 2008-Efectis-RO0798 and 2008-Efectis-RO0171, together with Pilkington Pyrostop® insulating glass of the maximum size as stated in Table 1 overleaf.

Glazed doorsets constructed with the Reynaers CS 77-FP30 and CS 77-FP60 aluminium profiles, as described in Efectis summary report 2008-Efectis-RO0934, subject to the conditions included in the report, together with Pilkington Pyrostop® insulating glass of the maximum size as stated in Table 2 overleaf.

Orientation: Exposure from either side.

The assessed results were as follows

See page 2 for the assessed performance for each glazed screen and doorset.

Issued by

A blue ink signature of M. E. Godkin.

M. E. Godkin
Senior Fire Testing Engineer

Reviewed by

A blue ink signature of E. Soja.

E. Soja
Senior Fire Safety Engineer

Regulatory authorities are advised to examine test reports before approving any product.

Issue Date

20 September 2018

Expiry Date

20 September 2023

Table 1: Glazed Screens with Pilkington Pyrostop® glass

Product Code	Nominal thickness (mm)	Integrity/Insulation FRL (minutes)	Max. Pane Height (mm)	Max. Pane Width (mm)	Max. Pane Area (m ²)
Glazed Screens					
30-10	15	-/30/30	1,902	1,392	2.65
30-20	18	-/30/30	1,910	886	1.69
60-101	23	-/60/60	1,901	1,694	2.65
60-201	27	-/60/60	1,901	1,394	2.65

Table 2: Single and pair leaved glazed doorsets with Pilkington Pyrostop® glass

Product Code	Nominal thickness (mm)	Integrity/Insulation FRL (minutes)	Max. Pane Height (mm)	Max. Pane Width (mm)	Max. Pane Area (m ²)
Glazed Doorsets					
30-10	15	-/30/30	2,136	1,040	2.22
30-20	18	-/30/30	2,136	1,040	2.22
60-101	23	-/60/30	2,136	1,136	2.43
60-201	27	-/60/30	2,136	1,136	2.43