



8 April 2019

Pendulum Impact Testing and Classification for Flat Glass with 3M Safety Window Films

Classification of pendulum impact

1.1 Product

Material: **3M™ Safety Window Film S40 Exterior**
Substrate: **Glass**

1.2 Commissioned Testing Institute

Wintech Engineering Ltd. Halesfield 2, Telford, TF7 4QH, UK

1.3 Classified according to Standard: **DIN EN 12600:2002**

Glass in Building, Pendulum Test - Impact Test Method and Classification for Flat Glass
Report no. JLH/R13634-4, 21 February 2014.

1.4 With reference to the standard and the present test reports, the company 3M Deutschland GmbH confirms the following resulting overall classification.

2B2 (impacted on film side of tested panel)

2B2 (impacted on glass side of tested panel)

The product 3M™ Safety Window Film S40 Exterior, laminated on 6 mm glass, thus fulfills the requirement set according to the test report result 2B2 for the film impact side and 2B2 for the glass impact side.

3M Deutschland GmbH

Commercial Solutions Division

Zillikens

This confirmation refers exclusively to the named product combination. The basis are the mentioned test reports of the commissioned test institutes for the classification of the pendulum impact. The validity ends when the product or the referring standard is changed.