

Ertex Solartechnik GmbH

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Test Report
concerning
**Ball and pendulum impact testing of
composite safety glass with integrated photovoltaic elements**



Commissioned by: Ertex Solartechnik GmbH

Commissioned on: 3 May 2010

Factory: Amstetten

Test specimen: Composite safety glass, various glass types (single-pane safety glass, annealed glass and thermally treated glass), each structured as follows:
6 mm or 2.1 mm glass (single-pane safety glass, annealed glass or thermally treated glass)
0.76 mm composite film
Photovoltaic cell mesh
0.76 mm composite film
6 mm or 2.1 mm glass (single-pane safety glass, annealed glass or thermally treated glass)

Test specimen received: 23 June 2010

Test programme: Ball impact test pursuant to Austrian standard ÖNORM EN 14449, issue 1 July 2005, and pendulum impact test pursuant to Austrian standard ÖNORM EN 12600, issue 1 May 2003

Assessment in brief: The composite safety glass with a photovoltaic cell mesh fulfils the requirements of the commissioning party.

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This report consists of 9 pages
and 1 attachment (7 pages).

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