



**Test report :**

ACR(M)001:2000 test for  
fragility on Ondex\* HR Big 6  
corrugated rooflight sheets

Test report number 208-447



**BRE**

...in partnership



**Prepared for :**

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## 7 Conclusions and classifications

The impact tests reported here have assessed the fragility of specimens of Ondex\* HR Big 6 Crystal (transparent) corrugated rooflight sheet of 2.2 kg/m<sup>2</sup> described herein. The tests were performed according to methods in ACR(M) 001:2000 and results interpreted with regard to the classifications in it.

Impacts were made to all three positions specified in the standard. The results are classified as:

- i. Within 150 mm of the centre of the test sample – Class B non-fragile assembly
- ii. Within 300 mm of a support point, at least 150 mm away from the support – Class B non-fragile assembly
- iii. Within 150 mm of the edge of the sheet, adjacent to the underlap with the other sheet, at a position chosen by the 'competent' person - Class B non-fragile assembly

The results show that at all three positions tested the roof sheet mounted and fixed in the manner described herein attained the overall classification of Class B non-fragile assembly.

The position impacted that suffered most damage was at position iii.

## 8 References

1. ACR (M) 001:2000. Test for the fragility of roofing assemblies. Advisory committee for roofwork. Materials Standard.