

## Construction Products Regulation, NARM update.

From the 1st of July 2013 it will be mandatory to CE mark any relevant products under the Construction Products Regulation that are covered by a harmonised European standard (hEN).

Where a relevant hEN is not available, CE marking is not mandatory, but is possible if a relevant ETAG (European Technical Approval Guideline) exists.

CE marking is not mandatory, even where a relevant hEN is available, under certain circumstances including:

- products which are individually manufactured or custom-made in a non-series process for a specific order
- products which are manufactured on a construction site
- products which are manufactured in a traditional manner or appropriate to heritage conservation

Full details of these exceptions are given in Article 5 of the Construction Products Regulations which can be downloaded from <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:088:0005:0043:EN:PDF>

NARM members supply a range of rooflights and roof windows that are manufactured in various materials. The following list contains the hENs and ETAGs that are relevant to rooflights and roof windows along with their current status.

### hEN Product Standards

#### **EN 1873: 2005**

**Prefabricated accessories for roofing – Individual rooflights of plastics – Product specification and test methods.**

Status: Current, CE marking may be conducted under this standard (revised edition at formal vote stage)

Products: Out of plane, individual domed or pyramidal rooflights manufactured from one or more layers of solid polycarbonate.

Normally used on flat roofs but may also be used on pitched roofs.

#### **EN 1013: 2012**

**Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods.**

Status: To be introduced with a period of co-existence from 1 September 2013 to 1 September 2014, during which CE marking is possible but not mandatory. CE marking is not possible prior to the start of the

period of co-existence, and is mandatory after it.

Products: Profiled GRP and polycarbonate in-plane single skin sheets used for single skin applications or as the external layer or liner of a rooflight or wall light.

Normally used with profiled metal built up systems, composite panel systems and fibre cement systems.

### **EN 14351-1: 2006+A1: 2010**

**Windows and doors – Product standard, Performance characteristics – Part 1: Windows and external pedestrian doorsets without resistance to fire and smoke leakage characteristics.**

Status: Current, CE marking may be conducted under this standard.

Products: Roof windows, which:

- comprise an individual window style frame, glazed with a single insulating glass unit characteristic of windows installed in walls with regard to function, cleaning maintenance and durability, and
- are installed in the same orientation and in-plane with the surrounding roof at a minimum of 15 degrees pitch, weathered into the roof with an individual skirt or flashing

Normally used in tiled or slated roofs but may be adapted for other roof types.

### **EN 14963: 2006**

**Roof coverings – Continuous rooflights of plastics with or without upstands – Classification, requirements and test methods.**

Status: Current, CE marking may be conducted under this standard (revised edition being prepared)

Products: Continuous plastic rooflights with rectangular plan installed at less than 10 degrees pitch longitudinally, including angled or curved (barrel vault) rooflights installed at less than 10 degree pitch transversely or flat, pitched rooflights. Includes both self supporting rooflights without glazing bars up to 2.5metres wide, or any rooflights with glazing bars parallel to the span.

Normally used on flat, low pitch and curved roofs and northlight applications.

### **EN12101-2: 2003**

**Part 2: Specification for Natural Heat and Smoke Exhaust Ventilators.**

Status: Current, CE marking may be conducted under this standard.

Products: Automatic Opening Vents linked to a fire alarm system to open automatically in the event of fire, including vents which comprise a frame glazed with either glass or plastic to also perform the function of a rooflight.

Normally installed on an upstand on flat or pitched roofs or incorporated into a larger area of fixed roof-lighting.

## **hEN Material Standards**

### **EN 16153**

**Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings - Requirements and test methods.**

Status: Passed CEN formal vote but awaiting publication and confirmation of dates for a “period of

coexistence” during which CE marking will be possible but not mandatory. CE marking is not possible prior to the start of the period of co-existence, and will be mandatory after it.

Applies to flat, structured polycarbonate sheeting which may be used for a variety of rooflight types including barrel vault systems and framed rooflights.

## **EN 16240**

### **Light transmitting flat solid polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings – Requirements and test methods**

Status: Passed CEN formal vote but awaiting publication and confirmation of dates for a “period of coexistence” during which CE marking will be possible but not mandatory. CE marking is not possible prior to the start of the period of co-existence, and will be mandatory after it.

Applies to flat, solid polycarbonate sheeting which may be used for a variety of rooflight types including barrel vault systems and framed rooflights.

## **Glass rooflights**

Other than rooflights which come under the scope of EN12101 (Smoke Vents) and EN14351 (Roof Windows), there are currently no relevant hENs that apply to other glass rooflights.

There are various material standard hENs which cover a range of safety glasses and types which may be used by NARM members to manufacture roof windows, framed rooflights and bespoke applications, but there are no relevant standards to allow CE marking of the rooflights.

## **European Technical Approval Guidelines**

### **ETAG 010**

#### **Self Supporting Translucent Roof Kits.**

Status: Current, CE marking may be conducted under this ETAG but is not compulsory.

Products: Any rooflight system that is not covered by a hEN. CE marking to this ETAG is not mandatory. The requirements of the ETAG to test all variants and sizes may make use of this ETAG for CE marking a range of rooflights unfeasible.