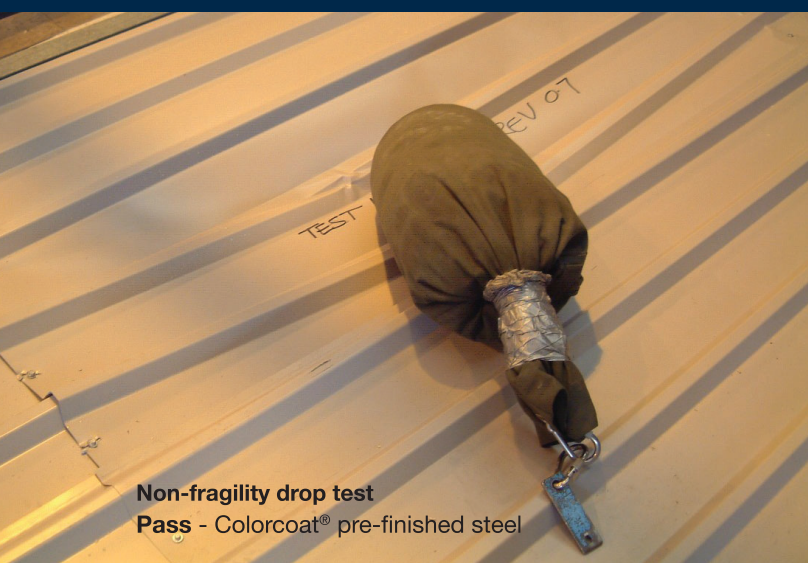


# Make the right choice... not the light choice!



Using light gauge steel for liner profiles may generate short term savings but can result in significant health and safety risks. When you use liner from Corus Panels and Profiles you can be assured that the materials comply with European Standard EN 10143:2006.



**Non-fragility drop test**  
**Pass** - Colorcoat® pre-finished steel



**Non-fragility drop test**  
**Fail** - Non Corus pre-finished steel

It is important to specify the correct gauge material to ensure the integrity of the products used are not compromised, particularly when using liner materials as a working platform. The walkability of a liner profile is highly dependant upon the profile shape and the gauge of the pre-finished steel used.

Usually the standard specification for walkable liners is 0.7 mm gauge in accordance with the European Standard EN 10143:2006. The tolerance allowed under this standard is +/- 0.06 mm. The gauge of the coil supplied can therefore be between 0.64 mm and 0.76 mm.

However, some suppliers buy coil at 0.64 mm offering this as a 0.7 mm liner in the market. In reality, the thickness can be as low as 0.58 mm when full tolerance is applied.

If the reduced thickness of steel is not taken into account, it may prove unsuitable for use

as a working platform. Lighter gauge liner materials are susceptible to in service damage and may not achieve a non-fragility rating.

Damage during installation, combined with the potential for loss of life in the event of somebody falling through the liner means the risks generally outweigh the savings.

Risks associated with specifying light gauge on liner profiles used as a working platform are examined in the Colorcoat® Technical Paper - The effect of gauge on pre-finished steel roof and wall cladding performance. To download the technical paper visit [www.colorcoat-online.com/technical](http://www.colorcoat-online.com/technical)

Corus Panels and Profiles use Colorcoat® pre-finished steel products as standard on all the building envelope products and systems including the range of liner profiles. Colorcoat® pre-finished steel is always manufactured within the tolerances of EN 10143:2006.

The liner profiles have been comprehensively tested and comply with non-fragile testing to ACR(M)001:2005 Test for fragility of roofing assemblies. Achieving up to Class B non-fragile.

Manufactured across one site with Corus Colors manufacturer of Colorcoat® pre-finished steel, our building envelope roof and wall cladding systems have been tested and structurally evaluated by the Steel Construction Institute (SCI) and awarded the SCI Assessed quality mark. This provides reassurance that the our technical data has been independently verified and guarantees that it can be used reliably and with confidence.

**Corus provide quality building envelope solutions that deliver peace of mind.**

For further information call:  
**0845 30 88 330**

