



Global Warming Potential

IDM Doors Ltd Data Sheet 4

What is Global Warming Potential (GWP)?

Global Warming is a complex issue and should not be confused with Ozone Depletion.

The theory is that the global emission of greenhouse gasses causes an increased build up in the upper atmosphere of these gasses, which results in an increase in the Earths temperature.

Carbon dioxide is probably the most common and well-known greenhouse gas and its GWP is taken as 1. Other gasses are given a GWP referenced to Carbon dioxide.

When we use this type of gas in the manufacture of products then we can give that product or process a GWP number, the lower the number the less potential harm there is to the environment.

Fibreglass Composite Doors

The only element of composite door manufacture that may currently involve the use of green house type gasses would be the Polyurethane foam core.

The manufacturers of these materials are working towards removing them from the process.

Fibreglass Door Leaf

The fill used in this product has a GWP under 5

Steel Skin Door Leaf

The fill used in this product has a GWP of about 50

IDM Doors Limited is constantly working with suppliers to reduce these figures as far as possible