



Thermal benefits- Natural roof lighting

The availability of energy saving products are high on the wish-list for designers and building owners, and fortunately Roofing Industries and its suppliers are continually investigating methods to improve thermal heat loss and gain characteristics through translucent roofing and cladding systems

By sheer design, natural roof lighting systems transmit infra-red heat from the sun and unfortunately in some cases transmitted heat can make a building interior literally unbearable. Natural roof lighting systems can also be extremely complex and to ensure the appropriate project specific material is used requires careful analysis prior to specification. A number of heat reflecting and absorbing natural lighting products have been designed either by tinting or alternatively the introduction of heat reflective pigments. Other developments include the use of bonded twin skinned natural roof light systems preventing transmitted heat and or loss of heat through the roof lights. During the building design process, Roofing Industries architectural team is available to assist ensuring the appropriate products are utilised