

Fire resistance

All EUROSIX fibre cement sheets have passed and meet the BS EN 494 criteria.

Since our establishment in 1978, we have encountered minimal instances where our fibre cement sheets have been affected by fire within or in close proximity to structures. However, it is important to note that exposure to temperatures exceeding 80°C can result in damage to the sheets. Additionally, subjecting the fibre cement sheets to rapid cooling methods, known as thermal shock, can lead to decreased strength, increased brittleness, and a significant reduction in the product's lifespan.

The extent of soot coverage on the fibre cement sheets may vary depending on the nature of the fire activity and its impact on the sheets due to debris. Direct exposure to thermal buildup can result in visual appearances that may suggest the sheets are unaffected. Nevertheless, it is recommended to inspect the surrounding or neighboring sheets to ensure they have not incurred any damage.

As a standard practice, we advise replacing any fibre cement sheets within a 5-meter radius of visible damage at the earliest convenience. Visible damage may include charred timber or melted plastics, such as rooflights, electrical cables, sealing washers, and PVC rainwater system products.

Considering the uncertainties associated with fire damage, it is important to note that once a structure has been affected by fire, it voids any guarantees or warranties provided by Briarwood Products Ltd. We understand the complexities and potential risks associated with fire incidents and encourage taking prompt action to assess and address any damage caused.