USER GUIDE

Introduction

**WARNING ! THIS IS A GENERAL GUIDE ONLY
FULL TRAINING AND COMPETENCY SKILLS MUST BE ACHIEVED BEFORE ANY ATTEMPT TO INSTALL THE VERISAFE SHEETING SYSTEM PRODUCTS**

Verisafe® Product Description

Verisafe® sheeting is produced exclusively for Verisafe and is manufactured from a special blend of Polyethylene's to give the product its unique strength and flexibility.
Verisafe® sheeting is heat shrunk onto the item requiring protection, it can be fixed to Scaffolding, Equipment, Structural Steel etc.

Verisafe® Product Range

Verisafe® comes in the following sizes and grades;
Roll sizes are 6,00m – 10m wide (folded to 2,20m) and 15m – 25 m in length.
Verisafe® is produced in the following thicknesses;

- 250µ
- 280µ
- 320µ
- 400µ

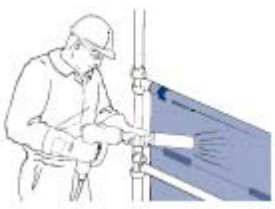
Compliance & Safety

Verisafe® Complies with the following Standards:

- DIN-4102 B1
- LPS1207
- LPS1215

Installation will require a minimum of two operatives.

Before commencing with the **Verisafe®** sheeting installation, all operatives must have received adequate training in the fixing and installation of any **Verisafe** products.
Adequate safe access must be provided. All scaffolds must be of an approved standard and “scafftagged”.
All operatives are required to use the correct PPE, including Safety Helmet, Flame Resistant Work Wear, Heat resistant Safety Gloves, Safety Boots and Safety Harness.
During the installation a heat source will be employed which if used incorrectly could cause injury, so strict care and control of the heat source is a must.



Compliance & Safety

Verisafe® Safety

Whichever hand used to tap the hot surfaces with when sealing the **Verisafe®** joints or laps, you must at all times use a heat resistant clove or gauntlet such as a welders glove, any naked flames must be directed only at the sheeting and care must be taken not to point the flame or heat source at clothing, flammable products which may be on the scaffold or structure and of course others working in the same location.
At all times whilst hot work activities are going on, an approved fire extinguisher must be located close to the work area.
On completion of hot work activities any Propane Gas Equipment must be made safe by turning off the valve at the bottle, releasing any pressure from the gas line, then placing the equipment in a safe location.
All work activities must be covered by a risk assessment, method statement and kick-off toolbox meetings involving all those working with the **Verisafe®** installation team.

Verisafe® Preparation and Inspection

The rolls of **Verisafe®** sheeting should be visually checked to ensure that they have not been damaged during transport and handling. Store all **Versiafe®** materials in an area where they will not become damaged or badly soiled.
The Gas Heat Gun, Rubber Gas Lead, Regulator and Gas Bottle and Thread, including rubber seals, must be carefully inspected prior to commencing work operations thus ensuring that all equipment items are serviceable and undamaged.
A safety check list should preferably be used at the start and completion of each shift.

Methodology

Verisafe® Installation

Verisafe® comes in rolls of 6,00m – 10m wide and 15m – 25m in length
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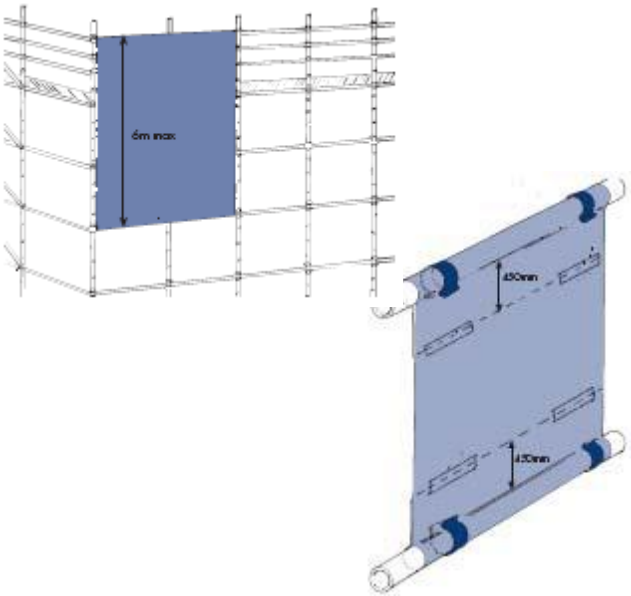
Weather Conditions

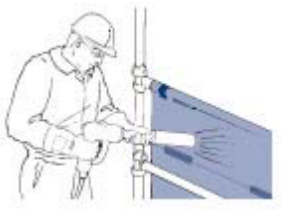
As with all installation activities, weather plays a significant role in the quality and method of installation. During periods of high wind or heavy rain it may not be possible to install Verisafe® sheeting, therefore if possible choose a day when the weather is not so windy or wet. If this is not possible then work with the weather, install the sheeting with the wind blowing against the sheet, and if it is raining, lap the joins such that the rain cannot get between the joint. In windy conditions it may be more expedient to use a smaller sheet size with only a 4m drop and care must be taken not to let the sheet become detached before welding / sealing has taken place.

Measurements

• Measure the area to be encapsulated and prepare to cut the lengths on the ground before taking up onto the scaffold or structure.
Taking the first section determine the manageable vertical length, a 6m drop is the normally recommended drop. Allow approximately 450 mm overlap or use the sheeting width of 7.25m as the required drop length including overlap and you can run the horizontal length the entire 15 meters.
• Commencing at the top working down the scaffold, hang the sheet over the highest tube or ledger and pull tight around the tube / ledger, fastening temporarily with Verisafe securing clips and tape, repeat this procedure on the bottom lift but securing it to the lower / intermediate handrail tube or ledger. Do not use excessive lengths of tape as it is both unnecessary and gives an unsightly finish to the sheeting.

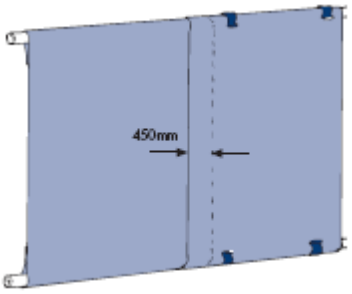


Welding / Sealing Operations



• The sheet is now ready to be permanently fixed by welding / sealing the folded section of sheeting. This is done by igniting the Gas Heat Gun. Care must be taken to use only a hand held spark ignition tool.

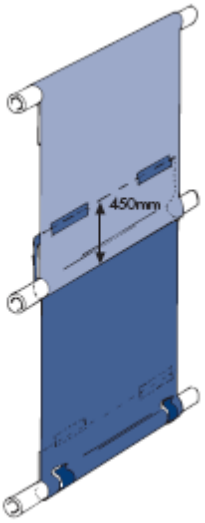
• Once the gun is ignited, apply heat to the overlapping area of sheeting until they reach the desired melt point temperature, this only takes a few seconds to achieve. Hold the gas gun in one hand and with a welders glove on the other hand, start to tap the heated surfaces with the gloved hand to ensure that the two surfaces bond together, using this technique, progressively work your way along the seam tapping the surface as you go. Once the two surfaces have been welded together you can remove the tube clips for re-use.



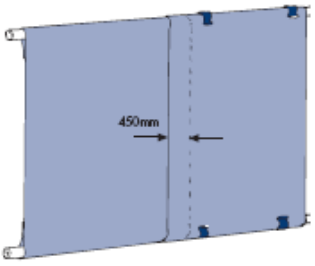
• Now take the next section working along the scaffold until the total area of the first drop is completed, ensure that you maintain the +/- 450 mm seam overlap. This section of the Verisafe® sheeting is now ready to be shrunk thus providing the optimum tightness. Using the gas gun you will need to heat up the surface area of the Verisafe® sheeting so that it starts to shrink, use the gas gun in a steady progressive movement similar to that of a paint sprayer.

• Note ! Overheating the surface will not make the Verisafe any tighter and could result in it becoming thinner.

Welding / Sealing Operations—Next Drop



• You are now ready to commence the next lower vertical drop. The recommended method is to bring the next lower section of Verisafe® sheeting up the inside of completed area to the top handrail tube / ledger. To achieve this you will need to cut the sheeting at each standards or vertical tube to enable the sheet to be pulled up to and over the handrail, only cut the sheet sufficiently to enable the sheeting to go over the top handrail with the correct amount of overlap for welding. Repeat as before, the temporary fixing by clipping and tape the sheeting in position.



Now repeat the welding / sealing activities for all overlapping seams and joints.

• Where an opening is required, simply cut a slot in the sheet prior to shrinking and weld a flap or an Verisafe® Zipper over the opening.

• If there is a need to seal to the ground, just weld a strip / flap of Verisafe to the lowest part of the sheeting and anchor with boards under the sole plate of the scaffold.

• To remove the Verisafe, simply cut it off with a knife taking care not to let the sheeting fall to the ground. It should then be packed ready for recycling.