



SUPERCLAD SCAFFOLD SHEETING



INSTALLATION INSTRUCTIONS

BIGBEN® Superclad should typically be fixed to the scaffolding horizontally with a recommended fixing pattern of one **BIGBEN® Toggle Tie** per m². However, any fixing must be placed according to your calculations for each project.

SCAFFOLDING DESIGN & INSTALLATION

When scaffold sheeting is to be installed, the structure must be designed to all relevant BS standards & codes of practise to accommodate the increase in wind loading. Guidance should always be obtained by a qualified scaffold designer, or structural engineer, before any sheeting is installed – and not before a full risk assessment has been carried out.

Only qualified Scaffolders should undertake the installation of scaffold sheeting.

HOW TO INSTALL

It is essential to carry out a Health & Safety risk assessment by a competent and qualified individual for all installations. This assessment should ensure that the supporting structure can withstand the amplified wind forces on sheeted scaffolds and function as intended.

1. Open your pack of **BIGBEN Toggle Ties** and find the first pre-punched hole in the sheeting. Only toggle ties should be used to fasten the top & bottom bands, as well as any placed between them.
2. Insert the tie through the hole, passing it around the scaffold tube and clip it back onto the elasticated tie (see images below).
3. To secure the middle of the sheet, push the tie through the band, pass it around the scaffold tube, and clip it to the elasticated cord.
4. It is recommended to have a minimum support density of 1 tie per square metre of sheeting. The scaffold should be designed and erected with tubes aligned with the centres of the reinforced bands and the reinforcement band in the middle of the sheet.
5. Doubling the support density for four meters from the end of each run of sheeting or at corners of structures where the sheeting should be returned around the edges of the scaffold is recommended. This provides added security in inclement weather where the sheeting is most vulnerable.
6. Proper consideration should be given to the number and placement of ties. Insufficient ties in windy conditions can cause the sheeting to detach prematurely, while too many ties can put excessive force on the scaffold structure and lead to collapse.



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USING SHEETING FOR WEATHER PROTECTION?

If the prime purpose for installing sheeting is to protect personnel against wind and rain, we recommend the upper sheets overlap the lower sheets externally to ensure rain runs down the outside of the sheeting.

USING SHEETING FOR CONTAINMENT?

If the prime purpose for installing sheeting is to protect the surrounding area from the impact of demolition, we recommend the upper sheets overlap the lower sheets internally to contain debris within the sheeting.



LOOKING AFTER YOUR SHEETING

- Avoid using clamp fittings and poles that protrude into the Scaffold Sheeting, as they can wear and puncture the sheeting. Protective covers should be used to shield the sheeting from protrusions, if necessary.
- Regular weekly inspections of the sheeting and scaffold structure (or immediately after windy conditions) should be conducted to ensure that the sheeting is still secure and undamaged. Replace any broken ties or torn sheeting to prevent further damage and tearing from unnecessary flapping.
- Ensure that no part of the sheeting with printed logos/photos is loose or has the potential to flap in the wind. The ink can crack and eventually fall/wash off, as the bond between ink and sheet can be broken by excessive vibrations.
- Take extra care during installation due to the digital print process, whereby the ink sits on the surface of the sheeting, as the print area can be damaged or scraped off, leaving imperfections. Any loss of print will not affect the primary functions of the sheeting as a weather protection and containment solution.

NOTES:

- A. It is recommended to only use trusted toggle ties to secure sheeting, such as the **BIGBEN Toggle Ties** available at www.leachs.com
- B. **BIGBEN Superclad** sheeting is used for containment or weather protection and is a temporary solution.
- C. Individual design for structures is necessary based on site location, elevation, shape, installation period, wind speed factors, and whether the sides of the structure are sheeted or open.
- D. The guides and instructions in this document are for informational purposes only. The user assumes all risk and liability in connection with the use, installation and suitability of any material used and the manner of use.

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