

# POWERCLAD®

## Weather Protection & Containment Solutions Keder Scaffold Sheeting for temporary roof systems

### Installation Instructions

Revision 4.8

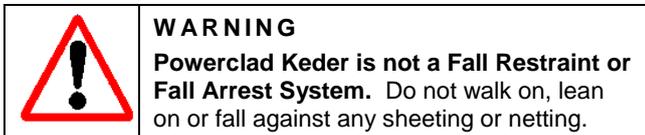
www.powerclad.com

As with all installations, a Health & Safety risk assessment should be undertaken by a qualified and competent person to ensure that the supporting structure is designed to accommodate the increased wind forces on sheeted scaffolds. It is essential that qualified and trained personnel responsible for fitting and maintaining the sheeting understand the requirements for ensuring that it is fixed properly so that it will perform as intended.

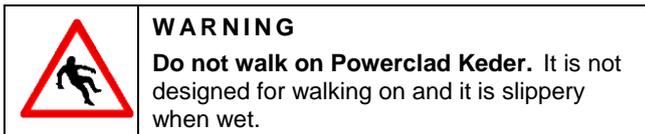
Powerclad Keder can be manufactured to fit most temporary roofing systems and since the designs may vary, sheeting should be installed in accordance with the system manufacturer's installation instructions.

Whilst the sheeting itself is waterproof, the limitations of the keder design does not necessarily provide a watertight system

1. Powerclad Keder is reinforced sheeting incorporating keder roped hems, tailor-made to fit temporary roofing system scaffolds. It is designed to provide temporary containment and/or weather protection.
2. It is not designed as Fall Restraint or Fall Arrest System.



3. It is not designed for walking on.



4. Prior to installation, it essential that a thorough safety review and risk assessment of the scaffold design is undertaken to ensure that the structure will withstand the additional forces caused by sheeting the scaffold.
5. The safety review and risk assessment should be far reaching and include consequences of installing sheeting close to unusual suction forces (such as motorways, bridges, tunnels & railway tracks), to surrounding buildings and areas, the public, pedestrian and vehicular traffic and the consequences of accidental collapse.
6. Protrusions such as clamp fittings and poles protruding into the sheeting should be avoided as these will chafe and eventually puncture the sheeting.
7. For safety considerations, Powerclad Keder should never be installed during windy conditions. At all times a safe working area should be provided for the installation crew.
8. Powerclad Keder can be manufactured to fit most temporary roof systems. Since the designs vary, sheeting should be installed in accordance with the system manufacturer's installation instructions. Generally, the sheeting is installed as follows:
9. Powerclad Keder is supplied rolled on a core for convenient installation. A scaffold tube can be passed through the core and the roll suspended off the floor to facilitate easy unwinding.
10. Depending upon the specific temporary roof system employed, various accessories, such as rollers and associated pins may be used to facilitate hoisting.

11. The material must not be allowed to rub or scrape the floor or scaffold during the installation as this may damage or puncture the sheeting. Walking on the sheeting on the floor is expressly not permitted as this risks puncturing the sheeting.

12. Generally, the Tension Tube is passed through the leading edge sleeve and attached to the pulling rope which is passed over the roof. The keder hems are fed into the extrusion and the Tension Tube pulled carefully.

13. It is important that the Tension Tube and the sheeting are aligned correctly before hoisting the sheeting up and over the roof.

14. As the sheeting is unwound, a visual inspection should be made of the keder hems and the sheeting material. The sheeting should not be used if there are any tears, flaws or punctures.

15. Hoisting should stop immediately if any snag on the structure or in the hems is encountered. Any snag should be investigated and cleared before continuing to hoist, or this may result in damage to the sheeting.

16. Once the sheeting is hoisted into place, the Tension Tubes of the leading and trailing sleeves are secured according to the system manufacturer's installation instructions.

**17. Powerclad Keder should be inspected at regular weekly intervals (or immediately after windy conditions) to ensure that the sheeting is secure. Any damaged sheeting should be replaced as soon as weather conditions permit.**

**18. As with all installations, a Health & Safety risk assessment should be undertaken by a qualified and competent person to ensure that the supporting structure is designed to accommodate the increased wind forces on sheeted scaffolds. It is essential that qualified and trained personnel responsible for fitting and maintaining the sheeting properly understand the requirements for ensuring that it is fixed so that it will perform as intended.**

19. These installation instructions are based upon currently available good practice and information and only offered as a general guide. Final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user and the user must assume all risk and liability in connection therewith. Check the suitability and safety of the products for the use envisaged with all current and applicable national standards.



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Keder Scaffold Sheeting for temporary roof systems

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