

Printing & preparing roll panels for use with Shell-Clad

Structure

Roll panels start life as rigid corrugated plastic sheets and go through various machining processes to make them suitable for rolling and printing.

BEFORE USING ROLL PANELS PLEASE READ THESE GUIDELINES CAREFULLY.

VERY IMPORTANT - We are not printers, so these are guidelines only. It is your responsibility to ensure that what you do works for you.

Printing

Roll panels are not suitable for direct print but are ideal for the mounting of printed graphics. We print on 300 micron opaljet for Magiclad FOS and 135 micron opaljet for Magiclad SW01, crystal matt laminate and then mount. Mount your graphics as you would to foamboard but use a minimum roller pressure setting when mounting to avoid crushing the roll panel.

Panel dimensions

Before printing please ensure that your artwork is the correct size. If you are applying panels to Octanorm, Melville Sodem or Opex Modul Classic you can download "Shell-Clad Panel Sizes.pdf" from our website. For other shell scheme panel dimensions please contact us. Indeed, please feel free to contact us on any matter that you may be unsure of.

Applying velcro

Firstly, as obvious as it may be, please ensure that your worktop is clean, ie grit/dirt free, as your panel will be graphic face down during this process.

Roll panels only roll because one side of the corrugated sheet is fluted/grooved (**see Fig i**) to ensure that your panels still roll after the velcro is attached you MUST abide by these simple rules:

- i) Apply velcro down the full length of each side, approx 2mm in from the edge (**see Fig ii**). If you run velcro down the very edge you run the risk of strands of velcro showing in the butt join when the panels are hung.
- ii) Always apply the loop (soft) side of the velcro to the roll panel. This will protect the roll panel from scuffing when rolled.
- iii) Once applied, you will need to slice the velcro along EACH flute to retain the rollability of the roll panel. If you skip this process, the panel will kink when rolled.
- iv) Slicing is best achieved using a knife with a retractable blade so that you can adjust the blade's depth. Be sure that it is deep enough to cut through the velcro but not so deep as to cut the front face of your graphic. Practice on an off-cut first and make sure you get the angle of the knife right (**see Fig iii**). Do make absolutely sure that you get this right and please always be careful when using a sharp knife.
- v) When slicing the velcro place an off cut of a roll panel (or something similar) against the edge along which you are cutting. This will prevent the knife blade "dropping" at the end of each cut and possibly knocking the front surface of the roll panel (**see Fig iv**).

Re-packing roll panels in tubes

When re-packing roll panels, do NOT drop them down into the tube as the outside/front edge of the graphic will catch on the inside/back velcro'd edge of any panel already in the tube. This may result in damage to the front face of your graphics. Instead, simply roll the panel as you would a poster, lower carefully into the packing tube and then release, letting the panel expand to a wider diameter. Graphics MUST always be stored with the image facing outwards.

Storing

Roll Panels should not be stored tightly rolled. We recommend leaving a 100mm diameter air core, ie three panels maximum per 300mm diameter storage tube.

DISCLAIMER: Your roll panels are not manufactured by Shell-Clad. We take no responsibility for the mis-use or incorrect use of roll panels. They are not "structures" and should only be used as described above. If in any doubt please contact your roll panel supplier direct.

www.Shell-Clad.com

Fig i

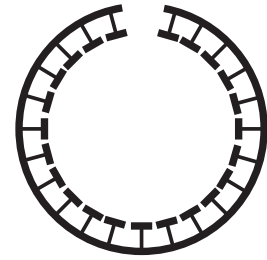


Fig ii

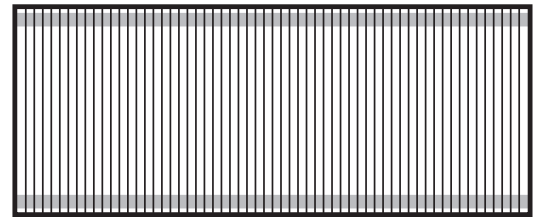


Fig iii

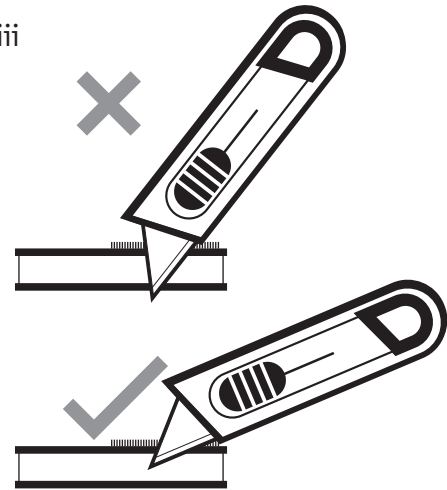
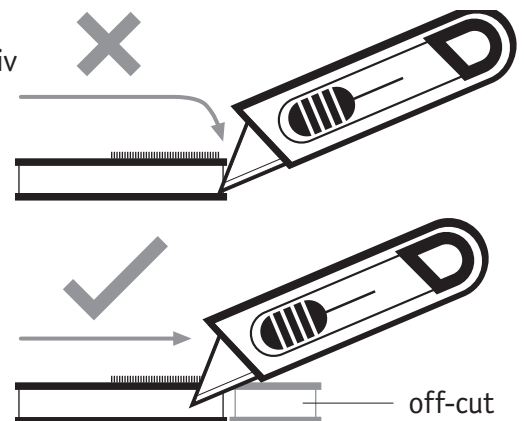


Fig iv



 **SHELL-CLAD™**
making exhibitions easy