

# SMARTPLY®

## SITEPROTECT / SITEPROTECT PLUS

### TECHNICAL RECOMMENDATIONS

#### TRANSPORTATION, STORAGE AND HANDLING

Careful transportation, storage and handling are important to maintain panels in optimum condition prior to use.

- 1 Panels should be stacked flat and supported upon a minimum of three equally spaced bearers (full packs come with bearers already attached).
- 2 Panels should never be stacked on their edges otherwise panel distortion and damage to the edge coating may result.
- 3 Although the SMARTPLY SITEPROTECT range is designed and manufactured for external use it is still necessary to protect the panels from the elements during storage, to avoid damage to the face and edge coatings. All packs leaving the factory are protected by a polythene wrapping and have bearers strapped to the undersides. Re-use polythene wrapping to provide weather protection to open packs during erection or site delays.
- 4 When transporting the SMARTPLY SITEPROTECT range in less than full pack quantities, panels must be adequately covered and banded (ensuring edge protectors are used top and bottom to avoid damage by the bands).
- 5 Do not leave packs or panels exposed to the weather prior to erection.
- 6 Do not allow water to pool on the surface of open packs or panels during erection.

#### IMPORTANT NOTES

The recommendations for the correct use of the SMARTPLY SITEPROTECT range is specifically designed to ensure longevity and performance of this quality product in service. It is therefore essential that these recommendations are strictly followed. The product is designed to be installed by a competent general builder, or a contractor, experienced with this type of product. SMARTPLY EUROPE DAC cannot be held responsible for damages arising from non-adherence to these recommendations, or product failures resulting from inadequate structural design or misuse of this product.

#### INSTALLATION

- 1 To obtain the optimum performance and life expectancy of the SMARTPLY SITEPROTECT range, the product must be finished (painted) as recommended in the technical datasheet and installed as follows:
- 2 Prior to erecting SITEPROTECT panels, ensure that the timber hoarding frame has been constructed to a suitable specification that provides adequate support for panel edges and fixings as described in the 'Suitability' section of technical datasheet.
- 3 Ensure panels in the SMARTPLY SITEPROTECT range are erected a minimum of 50mm above soil and well clear of any low-lying water.
- 4 Provide a minimum 3mm expansion gap between panels when erecting on to the timber framing (we recommend joint strips to provide extra protection).
- 5 Provide a minimum 10mm expansion gap where panels abut walls and other solid surfaces (we recommend a joint strip to provide extra protection).
- 6 Fix panels to supporting timber framing with 50mm screws ensuring these are spaced at between 200 – 300mm centres. Standard corrosion resistant wood screws can be used, all screw heads should be painted over with a liberal application of the surface paint.  
  
\* If the screw heads are mistakenly driven below the panel surface, the screw holes must be filled with a quality exterior grade flexible wood filler, allowed to dry, and then painted over with a liberal application of the surface paint.
- 7 Fix joint strips, top and bottom skirting and top capping, taking care not to damage the panel edges.

#### HOARDING FRAME DESIGN AND ERECTION

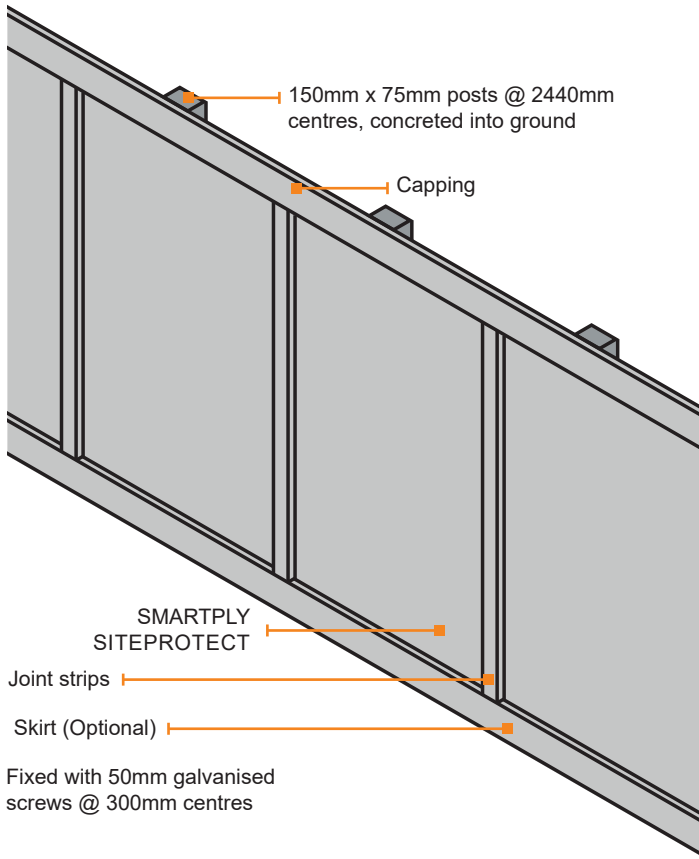
A well-designed and properly erected timber hoarding frame is essential to provide the required support and fixings for the SITEPROTECT panels. A 'post and rail' frame with three horizontal rails is most commonly used, although SMARTPLY recommends four rails for optimum performance.

SMARTPLY recommends that the hoarding supporting structure should be designed in accordance with the guidance detailed in the Temporary Works forum (TWf) "HOARDINGS – A guide to good practice".

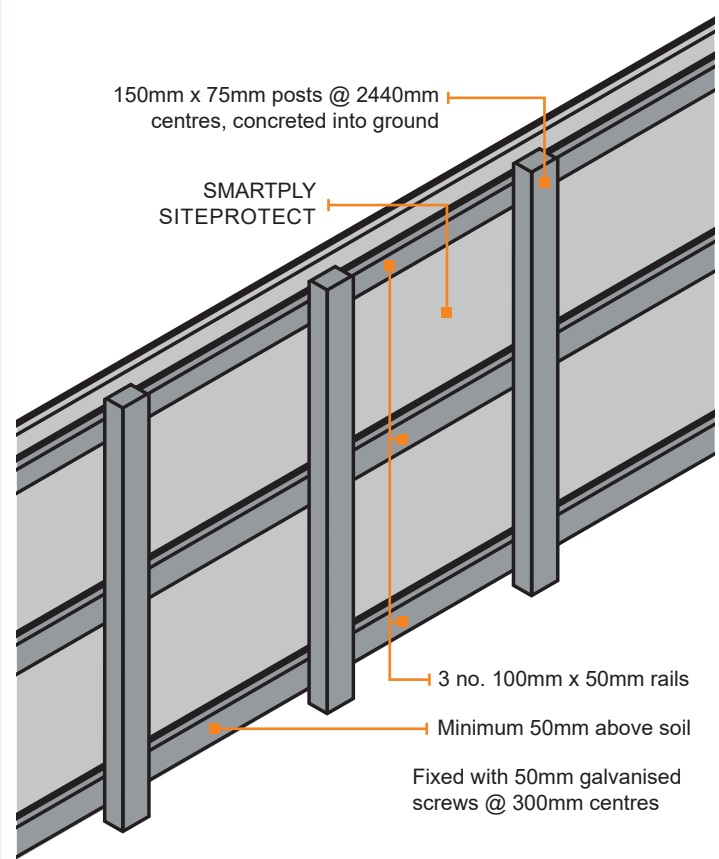
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## TYPICAL HOARDING ERECTION SPECIFICATION

### FRONT ELEVATION



### REAR ELEVATION



### CONTACT US

For further information and/or technical advice please contact your local SMARTPLY Sales Representative or SMARTPLY Technical Support Personnel through any of our European offices.

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As we continually update our technical datasheets, please check on [www.mdfosb.com](http://www.mdfosb.com) that you have the latest version.

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**MEDITE®**  
**SMARTPLY®**   
INNOVATIVE TIMBER PRODUCTS

