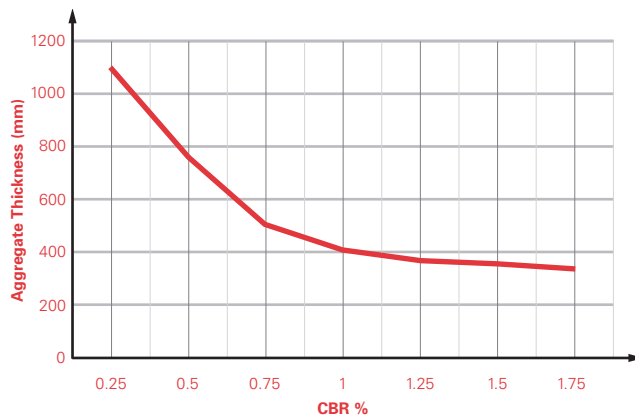
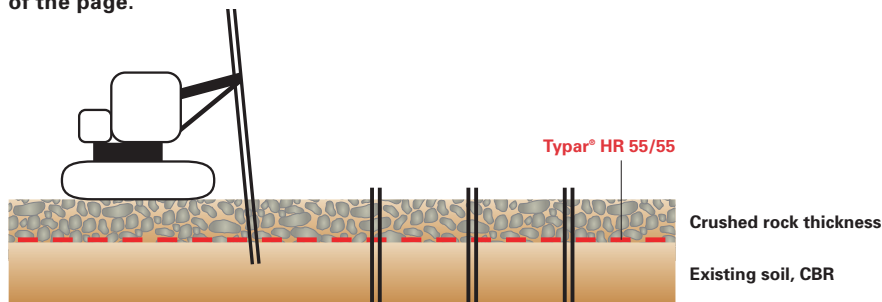


# DuPont™ Typar® HR Reinforcement geocomposite

## Support for Piling Rigs

### DESIGN SUGGESTION

Inadequate working platforms and access have long been recognised as significant sources of accidents with piling rigs, especially without proper site investigation information or using true rig loadings in calculations. In order to avoid any delays due to an insufficient set up for piling rigs this recommendation suggests the necessary aggregate thickness depending on the existing soil conditions. Further conditions to apply this application suggestion are listed at the bottom of the page.



The above graph is based upon the following assumptions:

- the use of Typar® HR 55/55 as the reinforcement
- the use of crushed rock as aggregate
- total weight of piling rig is 80T
- area of tracks (2 No.) of 5.0m x 1.0m
- rut depth of 75mm
- 1000 standard axle passes (in reality this will be much less as the piling rig rarely re-traverses an area)

*"Design Suggestions" are merely illustrative and are not a detailed design. All "Design Suggestions" are specific to the unique characteristics of the Typar® range of geotextiles and geocomposites. Normal geotechnical conditions were assumed and proven calculation methods were applied to make design proposals. We do however insist that these be controlled by your own civil/geotechnical engineer to ensure that all necessary local factors are taken into account and that necessary tests are performed to confirm the assumptions we have made. This "Design Suggestion" does not form the whole or any part of a contract. Its suitability for any project is the sole responsibility of the user and their professional advisors. Since DJW Associates and DuPont cannot anticipate all variations in actual end-use conditions, DJW Associates and DuPont make no warranties and assumes no liability in connection with any use of this information. Nothing in our advice is to be considered as a license to operate under or a recommendation to infringe any patent rights. This info may be subject to revision as new knowledge and experience become available.*

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