

Akatherm pipe storage

4.6 Handling and storage

Pipes

The high impact strength of Akatherm HDPE provides some protection against damage but care should be taken at all stages of handling, transportation and storage.

Pipe must be transported by a suitable vehicle and properly loaded and unloaded, e.g. wherever possible moved by hand or mechanical lifting equipment. Pipes must not be dragged across the ground. The storage should be flat, level and free from sharp objects.

Lengths

Pipe lengths stored individually should be stacked in a pyramid not more than one metre high, with the bottom layer fully restrained by wedges. Where possible, the bottom layer of pipes should be laid on timber battens at one-metre centres. On site, pipes may be laid out individually (where appropriate, protective barriers should be placed with adequate warning signs and lamps).

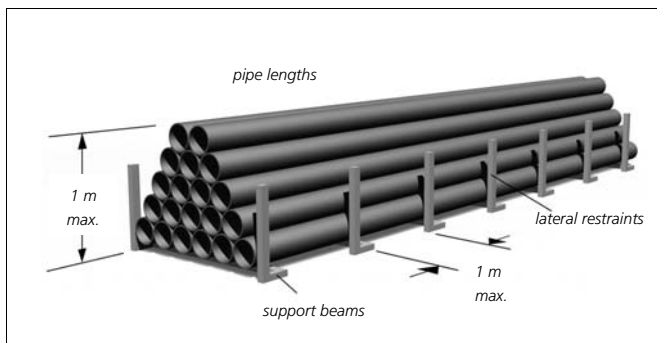


Illustration 4.2 Storage of loose pipes

Bundles

Bundled packs of pipe should be stored on clear, level ground with the battens supported from the outside by timber or concrete blocks. For safety, bundled packs should not be stacked more than 3 m high. Smaller pipes may be nested inside larger pipes. Side bracing should be provided to prevent stack collapse.

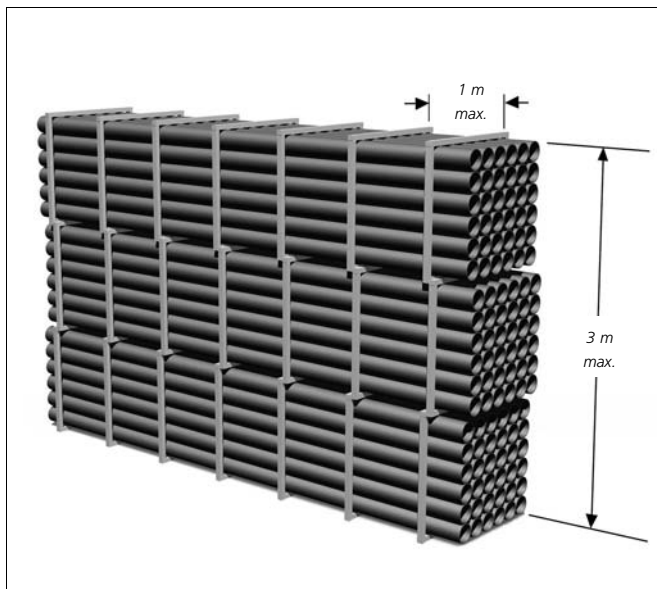


Illustration 4.3