

RESTRAIN® PVC-U SEWER PIPE

HANDLING AND STORAGE

HANDLING

Restrain® pipes are normally delivered in timber packs designed to hold the pipes in position and protect them from point loading and ovalisation.

Whilst Restrain® Sewer Pipes are easy to handle, careless handling can cause unnecessary damage to the pipe and/or its threaded joints. Pipes and fittings must not be dropped or thrown onto hard surfaces or allowed to come into contact with hard sharp objects that could inflict scratches. PVC-U pipe should not be allowed to slide across sharp edges.

Wire slings must not be used to lift pipes.

Particular care must be taken to prevent any damage to the thread on the spigot and socket keeping the thread clean and free from sand, dirt and grit which may affect the axial capacity and/or the jointing process.

STORAGE

Restrain® Sewer Pipes should be left in their packed units wherever possible until they are required to be installed.

If pipes and fittings are stored outdoors for more than 12 months protection from sunlight is required using a breathable material (i.e. hessian or white shade cloth) to prevent heat build up and allowing ventilation.

Pipes may be stacked on site provided the ground surface is level and free from loose stones and other sharp objects. Socketed pipes should be stacked in alternate layers of sockets facing in opposite directions to prevent load bearing.

Racks for long term storage are recommended and should preferably provide continuous support, however if this is not possible, supports of at least 75mm bearing width at 1m maximum centres should be placed beneath the pipes. Side restraints should be placed at centres not exceeding 1.5m and stacks should not exceed 1m in height.

When unloading alongside excavated trenches it is recommended that pipes be placed on the opposite side of the trench from excavated material if it is safe to do so.

Rubber rings and silicone spray should be stored under cover until pipe laying commences.

Figure 1.1 Handling of block bundles

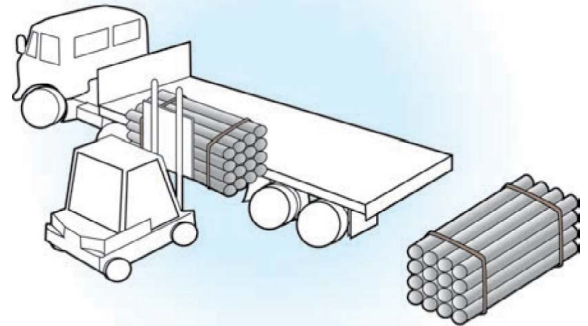


Figure 1.2 Typical loose pipe storage on ground

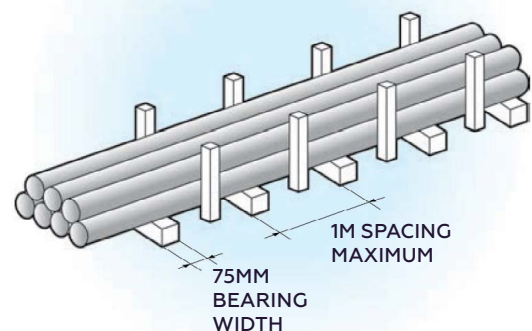
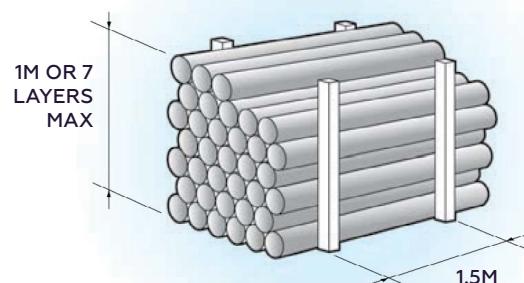


Figure 1.3 Typical loose pipes on bearers



The information contained in this document should serve as a guide only and is subject to change without notice. For more information please contact Iplex Pipelines Australia Pty Ltd.