



PRODUCT DATASHEET

CHANNELINE MULTI SEGMENTAL

Often due to either transportation problems or difficulties associated with access to the pipeline (e.g. entry only permitted through manholes), or in the case of a particularly large structure, it is desirable for the panels to be manufactured in two or more longitudinal sections.

The panels are site bonded above or below ground using our patented tapered tongue and groove longitudinal joint and a bell and spigot radial joint, positioned at the points of intersechure, i.e. at the points of zero bending.

The segmental production of Channeline panels allows for a substantial reduction in transportation costs. Especially for the rehabilitation of larger diameter structures, the manufacturing of Channeline in multiple segments allows for nested loading, thereby increasing the total number of sections per transported container.

In cases where the access area to the existing pipe structure is limited, rehabilitation with Channeline Multi Segmental is in many cases the only option. The joining of the Channeline segments can be done prior to entering the existing structure on the project site adjacent to the structure to be rehabilitated, or within the pipe structure itself, depending on the site conditions.

Once the segments are assembled, using the high performance resin adhesive – Channelbond, the Channeline GRP Lining system provides the same structural performance as a Channeline manufactured as single piece, with a stand-alone service life of over 50 years.

Channeline Multi Segmental is manufactured to fully comply with WRc materials standards for GRP and also in accordance with BS5482 and ASTM-D3262.



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