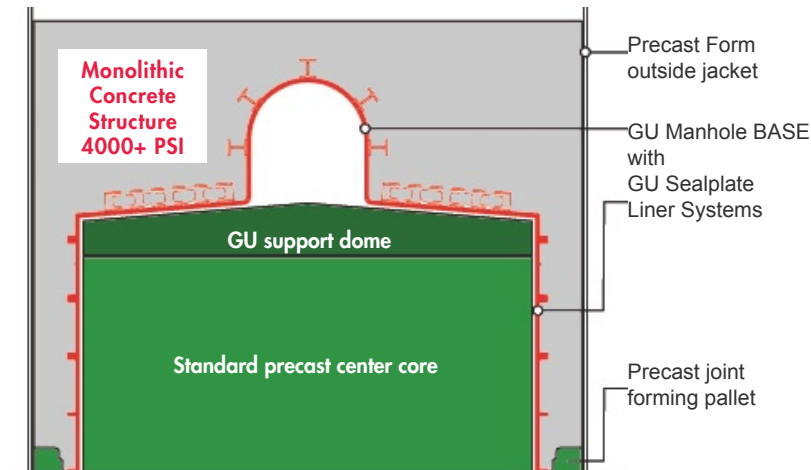


GU LINER SYSTEMS

Precasting Procedure for GU Manhole Base Liner

03/09



Concrete is poured around the liner while it is supported in an inverted position ensuring the utility of a minimum 4000+ PSI monolithic casting.

A high strength mechanical bond between liner and concrete is achieved by way of a well proven interface, consisting of specifically sized multi-faceted aggregate and steel spirals/ lattice bonded to the outer surface of the FRP liner or with molded ribs in opposing directions on the vertical axis and waterstop turnbacks on the horizontal axis on the PP liner.

Simple, labour saving set-up of GU Manhole Base Liner with Sealplate for producing fully lined, monolithic manhole bases.



Minimum wall thickness required for manhole base structure to accept GU-Standard bells

Pipe dia (nom) inch	6	8	10	12	15	18	21	24	27	30	36
Min. wall thickness for manhole base structure/inch	5	5	5	5	7	8	9	10	10	10	12

Largest pipe dia (nom) on GU manhole base section

Manhole dia / inch	48	54	60	72	84
Largest pipe connection / inch	30	36	42	54	60



GU recommends the top of the first joint be a minimum of 12" above the benching surface and may be increased as necessary to meet certain design criteria.