



The Brandenburger Liner BB^{1.0}

The Brandenburger Liner **BB^{1.0}** will add a new value to the product range at Brandenburger and provides new opportunities especially for small diameters. This UV CIPP liner is directly developed for the needs of small diameter pipes and is based on a new laminate. Due to that the efficiency for the installation will increase while all benefits of the normal UV CIPP are still available.

High curing speeds

Diameter	Speed	Power
DN 200	1,5 m/min	400 W
DN 250	1,4 m/min	400 W
DN 300	1,5 m/min	600 W



3 point bending test

Static calculation referred to DWA A 143-2

Diameter	1,5 m groundwater level	2,0 m groundwater level
DN 200	3,0 mm	3,0 mm
DN 250	3,2 mm	3,6 mm
DN 300	3,9 mm	4,4 mm



Impregnation with UP resin

Technical characteristics for static calculation

Liner characteristics	Short-term	Long-term
Modulus of elasticity	3.179 N/mm ²	1.059 N/mm ²
Bending stress	43 N/mm ²	14 N/mm ²
Reduction factor	3,0	
Wear layer	0,3 mm	



"Darmstädter Kipprinne" DIBt test scenario

Inner pressure for inflation

DN 200 with 800 - 900 mbar
DN 225 - 300 with 700 - 800 mbar

Available in DN 200, DN 225, DN 250 and DN 300

Total wall thickness: System wall thickness: 4,0 mm + 0,3 mm wear layer

DIBt- approval: Z-42.3-490