

Title (en)
Improvements in formwork elements.

Title (de)
Schalungselemente.

Title (fr)
Perfectionnement aux éléments de coffrage.

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Application
EP 89306470 A 19890626

Priority
GB 8815438 A 19880629

Abstract (en)
An assembly of water stop (10) and threaded tie bar (12) for use in the casting of concrete to provide concrete walls subject to water pressure is provided wherein the water stop (10) comprises a moulded elastomeric annular flange portion (14) of greater overall diameter than an integral boss (16). The water stop (10) may be initially slid onto the tie bar (12) in the direction of thread advancement but will not slide axially of the tie bar under the action of water pressure induced axial forces acting on that face (20) of the flange portion (14) in a direction opposite to the direction of thread advancement. Water pressure induced axial forces acting on the face (20) cause compression and radially inward contraction of the boss (16) sealing and locking the water stop to the tie bar thereby preventing water penetration past the water stop.

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