

Ceramic Processing

BMP has developed a range of high performance Isostatic pressing bags manufactured from a hybrid polyurethane system that is capable of producing extremely accurate technical ceramic pressings time after time. In certain applications, expensive secondary operations such as grinding are not necessary due to the accuracy of pressed components from BMP Polyurethane Isostatic bags.

Isostatic Pressing Bags

BMP Cold Isostatic Pressing Bags provide up to 30% extra life when compared to bags manufactured from standard rubber materials. This extra life coupled with ultra low compression set creates a stable profile from the first pressing to the last, thereby preventing conditions such as “Elephants Foot” together with reducing costly ‘green’ grind scrap.

Cold Isostatic Pressing Bags

BMP’s Cold Isostatic Pressing Bags are available in any profile, size, colour and from 100gms to 300kg in weight. BMP also provides a full tooling service, where tools can be manufactured to a customer’s given design or alternatively, BMP can design a tool to provide the required finished bag and pressed part dimensions. BMP is also able to utilise customers existing tooling where appropriate.



For more information about Ceramic Processing products please email: info@bmpworldwide.com

Construction

The unique properties of Polyurethane when used as an engineering elastomer in the manufacture of moulds and shuttering for pre-cast concrete panels, tunnel rings and architectural mouldings is widely recognised. Polyurethane provides the contractor with many advantages such as lower initial commercial outlay, longer in-service life cycles and reduced maintenance.



Hole & Void Formers

BMP has developed an innovative abrasion resistant polyurethane material that is perfectly suited to forming complex profiles, holes, voids and door frame fixing points in pre-cast concrete structures and panels.



Tunnel Ring Shutters

BMP has extensive experience in the design and manufacture of polyurethane feature faced shutters for producing pre-cast concrete ring segments for the tunnelling industry. Polyurethane faced shutters have many advantages over timber and steel including initial cost, ongoing maintenance, modification, storage and sustainability.

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