

pro-prime

bonding mortar / slurry primer

FEATURES & BENEFITS



Workability: 1 hour @ 20°C



Coverage: 15m² per 20kg



BS 7533 compliant



Just add water



Quick and easy to apply



APPLICATIONS

UltraScape pro-prime is a polymer modified cementitious bonding mortar / slurry primer specifically formulated to provide exceptional bond between all types of stone surfaces and 20mm Porcelain tiles and UltraScape bedding mortars. The use of UltraScape pro-prime in conjunction with UltraScape pro-bed HS / eco-bed ensures full and even contact will be made with aggregate particles as well as promoting adhesion to greater than 2N/mm² as per the requirements of BS 7533. The product is suitable for application in town centre pedestrian schemes, pathways and carriageways. UltraScape pro-prime can be used with all types of natural stone, concrete flags and clay pavements.

TECHNICAL

UltraScape pro-prime is supplied pre-blended in 20kg bags. With the simple addition of water on-site, the product creates a liquid slurry paste, which can be applied to the underside of all paving elements at a thickness of 1mm to 2mm immediately prior to their placement on UltraScape pro-bed HS/eco-bed.

PREPARATION

Correct surface preparation is critical in order to guarantee successful application and durable product performance. Remove all debris and ponded water from the supporting structure/roadbase. The roadbase as well as the paving elements should be cleaned by brushing or washing with water to remove dust, loose material, packaging and/or production aids prior to the application of UltraScape pro-prime.

MIXING

Place 7 litres of clean water in a suitable container. Add UltraScape pro-prime powder slowly and mix for 3 to 5 minutes to create a smooth lump-free slurry. The primer should be used on the supporting layer/roadbase immediately prior to the application of the laying course (UltraScape pro-bed HS). Always prime the underside of paving elements at a thickness of 1mm-2mm immediately before their placement upon UltraScape pro-bed HS/eco-bed.

APPLICATION

All surfaces should be pre-soaked with clean water immediately prior to the application of UltraScape pro-prime. The supporting layer/roadbase should be coated with the primer at a thickness of 1mm-2mm immediately before the application of UltraScape pro-bed HS. The slurry should be fresh and wet when the fine bedding concrete is laid.

STORAGE

Store in original packaging at temperatures between 5°C and 30°C. Avoid frost. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 8 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement.

PRODUCT AND TECHNICAL DATA

Unit/packaging	20kg bags delivered on shrink-wrapped pallets
Storage	Store in a cool, dry and frost free area at temperatures between 5°C and 30°C
Coverage	15m ² at 1-2mm thickness
Yield	16.9 litres
Shelf life	8 months from the date of manufacture printed on the bag unopened in the above conditions. High temperatures and high humidity will reduce shelf life.
Bond (Adhesion strength)	>2.20N/mm ² after 28 days
Water required	7 litres per 20kg
Workability	1 hours @ 20°C
Colour	grey

*Depending on temperatures - test carried out at 20°C. Cool temperatures retard, warm temperatures accelerate product performance. As with all raw materials, colour variation may occur. Please note that this does not affect the consistency or characteristics of the enclosed product.

HEALTH, SAFETY AND ENVIRONMENTAL

Please ensure that appropriate PPE is used when preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste responsibly and in accordance with local authority requirements. A full material safety data sheet relating to this product is available from instarmac.co.uk

QUALITY ASSURANCE

All products are manufactured in a plant whose quality management system is certified / registered as being in conformity with BS EN ISO 9001, ISO 14001 and ISO 45001. Our products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. We cannot however accept responsibility arising from the application or

use of our products because we have no direct or continuous control over where and how products are used. All products are sold subject to our conditions of sales, copies of which may be obtained upon request.

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