

GUARDIAN SPECIFICATION SHEET - GS20

APPLICATION OF GUARDIAN GRAFFITI SHIELD (WATERBASED POROUS SURFACE SACRIFICIAL COATING)

POROUS BRICK - NATURAL STONE - CONCRETE

The substrate must be in sound condition. Clean substrate by water pressure washing. Cleaning opens capillaries and pores so that the material can be efficiently absorbed. Allow to dry.

PREPARATION:

N.B: Precast and Off Form Concrete) ¹

Allow 4-6 weeks for new concrete to cure and dry out before painting - standard procedure.

Remove form oils and release agents using manufacture recommended mechanical, chemical or natural procedures. Use Guardian WB De-greaser (or similar chemical) with high pressure water to ensure removal of oil or release agents. Surface should be cleaned down and have sufficient porosity to allow absorption. Allow to dry.

APPLICATION:

Apply a test area of several square meters to ensure the surface is ready to be coated. Apply by low pressure spray in smooth even application to allow the coating to be absorbed into the porous substrate. The nozzle should be held horizontally and lead continuously along the substrate. Adjust pressure and diameter so that misting does **not** occur, keeping a uniform wet coat. To avoid missing places, limited sections should be completed at a time, without interruption. For smaller, complicated surfaces that do not allow flow coat application, use a brush or roller. With this method, insufficient application amounts can only be avoided by using well saturated tools. **The freshly treated surface must be protected against driving rain for at least 5 hours. Strong wind and direct sunlight can also accelerate evaporation of the carrier agent which negatively influences penetration depth.**

RECOAT:

As soon as the first coat becomes transparent the application procedure is to be repeated. This must be done repeatedly if necessary, until no further absorption occurs. **Exact amounts for calculation and tender must be determined on a sufficiently large trial area (1-2 m²).** The effectiveness of the impregnation can also be tested on this surface. Do not re-coat if the surface of previous coat is milky.

GUARDIAN SPECIFICATION GUIDE

SURFACE	PREPARATION	COATS	SYSTEM
- BRICK - NATURAL STONE - CONCRETE	PRESSURE WASH DRY OUT	REPEAT UNTIL MAXIMUM ABSORPTION	GUARDIAN GRAFFITI SHIELD GUARDIAN GRAFFITI SHIELD (GUARDIAN GRAFFITI SHIELD)
1. PRECAST/OFF FORM CONCRETE	REMOVE FORM OIL & RELEASE AGENTS PRESSURE WASH DRY OUT	REPEAT UNTIL MAXIMUM ABSORPTION	GUARDIAN GRAFFITI SHIELD GUARDIAN GRAFFITI SHIELD (GUARDIAN GRAFFITI SHIELD)