

ProScreed **X** Levelling Screed

Product Data Sheet



PermaQuik ProScreed X Levelling Screed

General Information

ProScreed X is a two-component cold liquid applied resin suitable for localised infilling and levelling of concrete structures prior to the installation of the Radmat waterproofing system. ProScreed can also be installed over PermaQuik waterproofing.

Heavy duty, water free and ultra-fast curing ProScreed X can also be used as a levelling screed or a repair mortar on cementitious substrates.

Moldable, chemical and UV resistant, solvent and isocyanate free, mechanically resistant and water resistant with a high compressive strength of circa 60N/mm² with a density of approximately 2.10Kg/mm/m².

For a comprehensive NBS J31 specification contact Radmat Building Products.

Directions of application

Application conditions

Condition	Value
Ambient and substrate temperature	0°C to +35°C
Relative atmospheric humidity	Up to 95%
Dew point	3°C above dew point

Substrate preparation

Ensure that the substrate is clean, dry and free from dust, laitance, grease, oil and any other contaminants and assess / pre-treat / prepare substrate in accordance with Radmat Specification.

Priming

Prime in accordance with Radmat Specification.

Mixing

Thoroughly mix the **ProScreed X R resin** in the drum with a slow speed mixer until the resin achieves a uniform consistency; If required, decant a measured weight of resin into a suitable container.

Pour the **ProScreed X R resin** into a clean mixing bucket and add the **ProScreed X Filler** in the ratio 11.5 parts filler to 1.00 part resin (by weight) by slowly pouring the **ProScreed X Filler** into the **ProScreed X R resin** and thoroughly mixing with a slow speed mixer for at least 2 minutes and until the mixture achieves a smooth, uniform consistency and buff colour.

Use the mixed material within the pot life.

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Application method

Trowel or tamp the mixed **ProScreed X** ensuring that the material is very well compacted at a thickness of a minimum of 3mm and a maximum of 50mm. For layer thickness in excess of 50mm, allow the previous layer to cure and apply multiple layers of between 3mm and 50mm each.

Directions of application (continued)

Pot life at 20°C is approximately 15 minutes. Pot life will be slightly increased at lower temperatures and slightly reduced at higher temperatures.

Curing times

Condition	Time
Rainproof	Approx. 30 minutes
Can be walked on/over coated	Approx. 45 minutes
Able to withstand stress	Approx. 1 hour

Tool cleaning

Clean tools with **ProScreed X** Cleaner.

Delivery conditions

ProScreed X R Resin 2 kg drum

ProScreed X Filler 23 kg bag

Storage/shelf life

Store unopened in a cool, dry, well ventilated place above freezing, out of direct sunlight and in the original container.

Shelf life if stored correctly: minimum 6 months.

Health and Safety

Refer to Safety Data Sheets

Disposal information

Refer to Safety Data Sheets for recommended EWC waste codes

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

For further information on Radmat products and services please call **01858 410372**, email tech enquiries@radmat.com or visit our website www.radmat.com **FEB 2021**