



TEKPRIME

A ready mixed, multi-purpose bond-enhancing primer.

Provides excellent adhesion and added 'grip' when used in the preparation of substrates, prior to the application of a wide range of flooring overlays.



OVERVIEW

TEKCEM ACTIPRIME+ is a ready mixed, ready to use, rapid drying primer that can be used on both absorbent and non-absorbent substrates.

TEKCEM ACTIPRIME+ provides a unique textured surface which gives an excellent bonding key when applying TEKCEM self-levelling compounds directly onto a variety of non-absorbent and absorbent surfaces.

Suitable for both internal and external use, TEKCEM ACTIPRIME+ dries rapidly and can be tiled or levelled over after as little as 15 minutes.

TECHNICAL DATA

Packaging	5kg tub
Colour	Blue
Application temperature	Between 5°C and 35°C
Drying time before levelling / tiling	15-20 minutes (subject to good site conditions).

WARNING

The information provided in this datasheet corresponds to the best of our knowledge and experience. Whilst it is true and accurate to the best of our knowledge, it may contain information which is unsuitable under certain circumstances since materials, site conditions and method of application vary with each application.

TEKCEM LTD cannot be held responsible for any loss or damage due to incorrect use or from the possibility of variations in working conditions and/or workmanship beyond our control. The user alone is responsible for any consequences deriving from the product.

BENEFITS

- Ready mixed and ready to use primer.
- Prime straight from the re-sealable tub.
- Provides an excellent bonding key.
- Rapid drying - in as little as 15 minutes!
- Can be used on absorbent and non-absorbent surfaces.
- Significantly improves adhesion bond strength of self levelling compounds.

COVERAGE

Container Size	Approx Coverage
5kg	45-65m ² (depending on substrate porosity)

SUITABLE SUBSTRATES

TEKCEM ACTIPRIME+ can be used on a variety of different surfaces, including:

- Sand/Cement Screed
- Concrete
- Anhydrite Screeds
- Electric UFH
- Water/Wet System UFH
- Tile Backer Boards
- Ceramic & Porcelain Tile
- Natural Stone Tiles
- Plaster
- Plasterboard
- Plywood Overlay
- Fibre Cement Sheet
- Cement/Sand Render
- Concrete Brick/Block
- T & G Floorboards
- Floating Floors
- Existing Vinyl Tiles
- Steel/Metal Surfaces
- Fibreglass
- Green Screed
- Existing Adhesive
- Residues

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TOOLS REQUIRED

- Mixing bucket
- Stirring rod
- Squeegee, roller or sponge

Wash all tools thoroughly with water directly after use.

SURFACE PREPARATION

Before starting, all substrates must be clean, dry and strong enough to support the weight of the leveller, adhesive and the final covering being applied. Remove all dust, dirt, laitance, oil, grease and other contaminants that may effect adhesion. Where traces of adhesive remain, these must be strong, sound and well adhered to the surface. Sub-floors directly to earth must have a DPM.

SUBSTRATES

Concrete/screed:

New concrete must be allowed a minimum of 4-6 weeks drying time. As an approximate guide for drying times, allow 1 day per mm up to an overall depth of 50mm and 2 days per mm for anything above 50mm. When using Ultimate adhesive, new concrete can be primed and tiled after 7 days. Remove any laitance from the surface mechanically and ensure that mould oil, curing agents and any other contaminants are removed. Remove all dust and dirt ideally by vacuum. Prime the surface with one coat of TEKCEM ACTIPRIME+ and allow to dry.

Power Floated Concrete:

Ensure that the surface has been allowed 7 days to cure. Remove any loose top layer and laitance from the surface mechanically or by acid etching and remove all dust and particles ideally by vacuum. Once all laitance has been removed, prime the surface with one coat of TEKCEM ACTIPRIME+ and allow to dry.

Flooring grade asphalt/bitumen:

Ensure that the flooring grade asphalt/bitumen is in good condition and that there are no signs of debonding and/or hollowness. Make sure the surface is dry and free of any contaminants, loose dust or dirt. Prime the surface with one coat of TEKCEM ACTIPRIME+ and allow to dry.

Existing ceramic/porcelain/stone tiles:

Ensure that the surface is dry and free of any contaminants, loose dust or dirt. Existing tiles that have been previously treated with sealer must be sufficiently cleaned in order to remove any surface treatments. Prime the surface with one coat of TEKCEM ACTIPRIME+ and allow to dry.

Underfloor heated screeds:

All underfloor heated screeds should be fully commissioned prior to tiling and/or levelling. Turn on the heating system at a low temperature and heat the screed gradually by no more than 5°C per day until a maximum temperature of 25°C is achieved. Maintain this temperature for 3 days and then switch the heating off for 48 hours prior to tiling. Alternatively in cold conditions, reduce the temperature of the screed to below 15°C prior to tiling. Once the flooring installation has been completed allow 1 week for full cure of adhesive and grout before switching the heating on. When doing so, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day. Prime the surface with one coat of TEKCEM ACTIPRIME+ and allow to dry.

Underfloor Heating Systems:

When tiling or levelling onto existing underfloor heating you must switch the heating off 48 hours prior to allow the substrate to cool sufficiently. Once the flooring installation has been completed, allow 1 week for the primer, adhesive and grout to fully cure before switching the heating on again. When doing so, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day.

MIXING AND APPLICATION

Shake or stir TEKCEM ACTIPRIME+ before application in order to ensure equal dispersion of the aggregates contained within the primer. Apply TEKCEM ACTIPRIME+ evenly to the whole surface to be treated with a paint roller, brush or sponge.

Ensure 100% coverage, but do not over-apply as this may cause the primer to skin over.

DRYING TIMES

Once applied allow the TEKCEM ACTIPRIME+ to become touch dry before tiling/levelling over. Under normal conditions this will take between 15 – 60 minutes depending on the ambient temperature and the porosity of the substrate.

Higher temperatures and porous substrates will reduce the curing time, whilst low temperatures and non-porous substrates will increase the curing time of the primer. Once primed, avoid trafficking the primed area.

LIMITATIONS

The application of TEKCEM ACTIPRIME+ should only be carried out when the floor temperature is 5 - 35°C and the ambient relative humidity is below 75%. These conditions should be maintained during application and drying.

STORAGE

TEKCEM ACTIPRIME+ containers must be firmly resealed after use to prevent evaporation and possible contamination.

SHELF LIFE

Twelve months in sealed containers. Store unopened and off the ground under cool/dry conditions. Do not subject to extremes of temperature.

HEALTH AND SAFETY

This product is not classified under the Chemicals Hazard Information and Packaging for Supply Regulations.

A Material Safety Data Sheet relating to this product can be obtained from TEKCEM LTD. Please dispose of packaging and waste responsibly and in accordance with Local Authority guidelines.

DISCLAIMER

Information contained in this data sheet is up-to-date and correct as at the date of issue, but no warranty, express or implied is given. Tekfloor reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, each user should review the information in specific context of the planned use.