

Checklist: Preventable Installation Errors/Issues

Before you start working with any Stellmann product, make sure to read the Technical & Safety Data Sheet. Also watch and carefully read the provided application manuals/videos. Contact us in case of any questions.

| Issue | Consequence | Solution if mistake happened | Prevention |
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| Cleaner is not neutralised during pre-application clean | Coating peels off after installation | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | After cleaning and removing dirty residue, it is mandatory to neutralise the floor with clear cold water until there is no more foaming. |
| Dirt or other residue (footprints) underneath the coating | Coating peels off after installation | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | The cleaning routine must ensure the surface is free from any dirt or unwanted substances prior to the installation. |
| Water taps / shower heads not covered prior to priming/coating | Water drips into coating which disturbs curing process. As the mix-ratio is disturbed, the coating cannot cure and remains soft and whiteish. | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | All taps, showers or other water sources must be covered (plastic bag). Do not apply when rains threaten in case of outdoor installations. |
| Water dripping down from walls/gates/etc. after cleaning. | Water drips into coating which disturbs curing process. As the mix-ratio is disturbed, the coating cannot cure and remains soft and whiteish. | Coating still wet Soak the water spots with a cotton swap or take of coating from the individual tile Coating cured Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Make sure that walls/gates/etc. are dry before starting the installation. |

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| After applying the primer, it takes too long before the coating is applied. | Coating can peel off or can be discoloured by water. | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | The coating must be applied within 8 hours after priming the surface. |
| Footprints or other marks trapped underneath coating | Any prints or other marks cannot be removed when trapped underneath coating. | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Wear protective shoe- covers at all times when installing the Stellmann coating. Make sure the surface is mark free after cleaning – if there are stains that cannot be removed ensure the customer knows about them and make pictures. |
| Coating not nicely spread | Coating will appear whiteish and uneven. | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Make sure to spread the coating nicely and use the right amount of coating per sqm according to the TDS. |
| Humidity level too high | Coating will not cure because the water in the system (Stellmann Coatings are water-based) cannot evaporate. The coating will not cure later because Part B will eventually start reacting with the water in the system (this creates co2 bubbles). | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Always ensure that the humidity level is below 85% before, during the installation and the curing process - if unsure measure humidity. |
| Temperature too low or too high | Too cold: Coating will not cure because the water in the system cannot evaporate. The coating will not cure later as Part B will eventually react with the water in the system (this creates co2 bubbles). Too hot Water evaporates quickly making it very difficult to apply a nice layer. Can also cause irregular curing. | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Always ensure that the temperature is above 15°C and below 30°C. Avoid roller application in direct sun light around or above 30°C. |

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| Primer is not dry before application of Stellmann Non-Slip | Coating peels off after installation. | Tile(s) where the product peels off must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Always ensure that the primer is fully dry before the installation of Stellmann Non-Slip. Especially in the grouts. Primer can be tacky but should be dry. |
| Double layers or back rolling into finished sections. | Coating will appear whiteish and will not cure transparent | Tile(s) where the coating is white must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and sprayed/rolled again. | Stellmann Non-Slip Clear is a single coat product. Therefore, avoid rolling into finished, cured sections. |
| Tiles are not fully covered with coating (e.g. along grouts) | Uncoated spots will become visible. If not straight away (next day) it will show up as dirt gets stuck in the primer. | Spots must be recoated. In case of small spots along grouts reapply with a brush or cotton swabs. | Make sure to coat the full area/section. When applying to tiled sections, make sure to carefully roll along the edges of the section covering all areas. |
| Outdoor application process started in the late afternoon / evening. Humidity increases in the evening / night. | Coating will not cure cause the water within the system will not evaporate. | Tile(s) where the coating did not cure must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Humidity levels at night can be much higher than during the day so always to finish the application on time and/or check humidity level remains below 85% before starting the installation. If unsure measure. |
| Coating applied too thin | Required slip rating is not achieved | Section where the coating was applied too thin needs to be removed and re-applied. | Always control spreading rates with the provided measuring table. |
| Coating drops from roller onto finished coating | Drops will remain visible, especially in rooms/areas with lots of light. | Coating still wet: Remove the section of coating where the drop is with a wet cloth, reprime and reapply coating. Coating cured: Tile(s) with drops must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Avoid too much material is on the roller. If roller leaves drops on uncoated areas make sure to clean it immediately. |

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| Coating leaks into grouts | Coating will dry out in grouts and appear white | Coating can be cut and scrapped out with a stanley knife or the coating can be chemically removed with the Stellmann Remover | Do not load roller with too much material and do not apply heavy pressure when rolling close to the grout. |
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When spray applying

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| Coating drops from spray gun on the surface. | Drops will remain visible when cured. | Coating still wet: Remove the section of coating where the drop is with a wet cloth, reprime and reapply coating. Coating cured: Tile(s) with drops must be removed with Stellmann Remover. The tile(s) must be cleaned, primed, and re-applied. | Make sure the nozzle and spray cap are correctly fixed into the spray gun. Make sure the cup with coating is closed tightly. |
| Overspray to walls or other areas. | The coating lands and other areas that should not be covered. | If realised right away remove particle with Methylated spirits. If already cured use Stellmann Remover. | Always mask up walls directly adjacent area to be sprayed. Always mask up furniture and other areas in the same room / nearby. |