

Further Technical Information on Capatect ETICS coatings with Special Formula for the cooler season.



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In all data sheets and relevant standards for the processing of pasty ETICS coatings it is pointed out, that the minimum temperature of the surface and ambient temperature during application and drying period must be at least +5 °C.

Often the progress chart for a smooth construction sequence does not take critical weather conditions into account - particularly in autumn and winter.

Especially for the wet and cold season we therefore offer products with "Special Formula" (SF). These products are listed below.

Physical and chemical basic laws apply of course for those products. The following information must therefore be observed:

Functionality of SF-products:

- A quickly formed skin causes a temporary protection against drizzle and slight freezing after about 6 hours.
- The drying and curing process depends on water loss and evaporation. The deeper the temperature the lower the vapour pressure and the evaporation rate.
- Due to the fast outside skin forming the evaporation rate from the inner part of the coating is slightly hindered and reduced. In consequence: The coating stays paste-like behind the surface-dry skin. During morning dew this skin feels slightly wet.
- Consequently the coating must be protected from accidental mechanical stress and heavy rain shower
- Conclusion: The use of reinforcing surfacer and plaster in SF (winter) quality does not effect a completely dried coating - ready for further processing. With this special formula the surface is less sensitive to weathering and in a short time drizzle-, rain- and frost-protected.

Advices for processing:

- SF- Products smell ammonia-like due to the film forming components. Good ventilation is required.
- Close buckets during breaks to avoid evaporation of volatile components as well as skin forming inside the bucket.
- Due to the accelerated film formation SF-products are slightly tougher in consistency paired with a shortened open time - compared with standard products.
- To adjust to working consistency max. 125 ml tap water per bucket can be added.
- Do not work below +1°C or at > 95% rel. humidity to insure film formation. Best processing temperature between +1°C and +8°C.
- Do not apply at temperatures above +15°C or on surfaces heated up by sun irradiation. The very fast film formation may affect application and structuring.
- Store cool but frost-free. Warm material will shorten the open time.
- SF - products should not be matched with standard products without constraints. Prime mineral based reinforcing layer - in case of absolute necessity - with "Putzgrund 610 SF" to minimise the influence of alkalinity on the AmphiSilan-Fassadenputz SF.
- SF-products will be produced on demand. Processing time 8 weeks up from expedition (see Technical Information)

Products available in SF quality:

Capatect-ZF-Spachtel 699 SF
Putzgrund 610 SF
AmphiSilan-Fassadenputze K and R SF

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