

FG ACR CAM

Pigmentable acrylic granular primer, quartz-free and APEO FREE.

Grain size 0.0 / 0.10 / 0.40 / 0.80 mm.

CAM certified according to UNI ISO 14021/SGS Italia.



Product identification

FG ACR is a granular leveling primer for interiors and exteriors based on acrylic dispersions in water, antibacterial additives and Carrara marble powders, APEO FREE.

FG ACR can be pigmented according to the OUTDOOR 2.0 color chart, to be used as a primer on coats, plasters and pre-painted surfaces.

FG ACR has good smoothing, consolidating, filling and masking properties, as well as ductility for use with both a brush/roller and American spatulas. The surfaces treated with FGE SILOX AB are uniformly rough so that they facilitate the application, especially with a spatula, of thick coatings, favoring their homogeneous distribution over the entire surface to be covered.

FG ACR where applied, in addition to improving the quality of subsequent finishing coats, guarantees better adhesion to the support, greater yields of subsequent paints, as well as guaranteeing excellent granular finishes on both new and old supports.

The product in the 0.0 mm grain size remains filling, but with a smooth finish.

Main applications

- ❖ FG ACR has good smoothing, consolidating, filling and masking properties, as well as ductility for use with both a brush/roller and American spatulas.
- ❖ FG ACR where applied, in addition to improving the quality of subsequent finishing coats, guarantees better adhesion to the support, greater yields of subsequent paints, as well as guaranteeing excellent granular finishes on both new and old supports.
- ❖ FG ACR can be used as a leveling and filling base coat for old plasters, as long as they are not particularly degraded and chalky.
- ❖ FG ACR is also used as a base layer on old paints, even if slightly chalky, before the application of thick coatings.
- ❖ FG ACR can be used to homogenize the surface, uniforming its appearance and covering any small imperfections present.
- ❖ FG ACR is applied white or in a color similar to that of the final colour, and is of considerable help in integrating the colored finishing cycle, when bright tones are required which are normally only partially opaque.

Preparation of the support

- ❖ Before applying FG ACR make sure that the support is completely dry, free of humidity, well mature and free of ridges or deformities.
- ❖ Before applying FG ACR, check that the surface is free from dust, loose parts, etc.
- ❖ If the support shows signs of surfacing, detachment or inconsistency, intervene before restoring.

Ways of use

- ❖ Before application, mix the product adequately with a mixing drill without adding other products.
- ❖ Dilute only with clean, drinkable water in the percentages shown in the table.
- ❖ If used as a primer for coat systems, apply 2 coats with a roller and/or brush.
- ❖ In case of use as a smoothing coat, spread with an American trowel with one or more hands according to the uniformity of the base and finish with rotary movements of a plastic or steel trowel.
- ❖ Total drying at 25°C and 65% RH: 6/8 hours on the surface, 48 hours in depth.
- ❖ Do not use the product on days with particularly muggy climates.

Cleaning

The wet product can be removed from surfaces with water, it is advisable to protect delicate surfaces before application as it could alter colors as well as indelibly staining the product, once it has matured it can only be removed mechanically.

Packaging

| TINT | FG CODE ACR 0.0 | KG | TINT | FG CODE ACR 0.1 | KG |
|---------|----------------------------|------|---------|----------------------------|------|
| WHITE | 0281635 | 20 | WHITE | 0280921 | 20 |
| WHITE | 0281635A | 5 | WHITE | 0280921A | 5 |
| NEUTRAL | 0281634 | 19 | NEUTRAL | 0280920 | 19 |
| NEUTRAL | 0281634A | 4.75 | NEUTRAL | 0280920A | 4.75 |
| PTM | 0281636/0281637/0281638 | 20 | PTM | 0280922/0280923/0280924 | 20 |
| PTM | 0281636A/0281637A/0281638A | 5 | PTM | 0280922A/0280923A/0280924A | 5 |
| TR | 0281639 | 20 | TR | 0280925 | 20 |
| TR | 0281639A | 5 | TR | 0280925A | 5 |
| TINT | FG CODE ACR 0.4 | KG | TINT | FG CODE ACR 0.8 | KG |
| WHITE | 0280615 | 20 | WHITE | 0280933 | 20 |
| WHITE | 0280615A | 5 | WHITE | 0280933A | 5 |
| NEUTRAL | 0280710 | 19 | NEUTRAL | 0280932 | 19 |
| NEUTRAL | 0280710A | 4.75 | NEUTRAL | 0280932A | 4.75 |
| PTM | 0280714/0280870/0280871 | 20 | PTM | 0280934/0280935/0280936 | 20 |
| PTM | 0280714A/0280870A/0280871A | 5 | PTM | 0280934A/0280935A/0280936A | 5 |
| TR | 0280715 | 20 | TR | 0280937 | 20 |
| TR | 0280715A | 5 | TR | 0280937A | 5 |

| PACKAGING TABLE | |
|-----------------|--------------------------------------|
| Packaging | 33 cans of 12/14 liters. for pallets |
| | 115 5 liter cans. for pallets |

Technical details

| <u>Description</u> | <u>Data</u> | <u>EN test standard</u> |
|---|---|-------------------------|
| <u>Maximum grain size</u> | 0.0 / 0.10 / 0.40 / 0.80 mm | EN 1015-1 |
| <u>Dilution</u> | Max 10-20% | - |
| <u>Water vapor permeability</u> | < 0.50 m (V ₂ - medium) | EN 1062-3 |
| <u>Water absorption</u> | < 0.10 Kg/m ² xh ^{0.5} (W ₂ - average) | EN 1542 |
| <u>Membership</u> | ≥ 1.50 MPa | EN 13687-3 |
| <u>Thermal conductivity λ</u> | 0.35 W/ m×K | EN ISO 2811-1 |
| <u>Density mass</u> | 1.64 Kg. / Lt. ± 0.11 | EN UNI 1015-10 |
| <u>Fire resistant</u> | Class B-s2,d0 | - |
| <u>Theoretical product yield (roller) 0.0 mm</u> | 0.12 – 0.13 kg/m ² (used as primer) | - |
| <u>Theoretical product yield (roller) 0.10 mm</u> | 0.16 – 0.20 kg/m ² (used as primer) | - |
| <u>Theoretical product yield (roller) 0.40 mm</u> | 0.32 – 0.40 kg/m ² (used as primer) | - |
| <u>Theoretical product yield (roller) 0.80 mm</u> | 0.60 – 0.80 kg/m ² (used as a primer) | - |
| <u>Dry residue at 120°C on the total formula</u> | 75 % ± 3 | EN ISO 3251 |
| <u>Dry residue at 450°C on the total dry matter.</u> | 84% ± 3 | EN ISO 3451-1 |
| <u>Dry residue at 900°C on the total dry matter.</u> | 53 % ± 3 | - |
| <u>Viscosity supplied to testing</u> | 24,000 cps ± 2,000 | ASTM D2196 |
| <u>pH at testing</u> | 8.5 ± 0.5 | - |
| <u>Applicable temperature</u> | + 2°C / +35°C | - |

The information contained in this sheet is the result of knowledge and tests available at the date of publication.

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| COLOR BANDS | | | | | | | | |
|------------------------------|------|------|------|------|-------------------------------|------|------|-----------------------------|
| Color code "Light colors F1" | | | | | Color code "Medium shades F2" | | | Color code "Dark shades F3" |
| 1001 | 2105 | 3050 | 3171 | 5026 | 1009 | 3181 | 6033 | 2017 |
| 1002 | 2109 | 3051 | 3175 | 5027 | 2002 | 3182 | 6035 | 3099 |
| 1003 | 2110 | 3055 | 3176 | 5031 | 2003 | 3183 | 6037 | 3102 |
| 1007 | 2111 | 3056 | 3178 | 5032 | 2007 | 3193 | 6038 | 3116 |
| 1008 | 2115 | 3057 | 3179 | 5037 | 2013 | 3194 | 6043 | 3125 |
| 2001 | 2116 | 3061 | 3205 | 5038 | 2015 | 3195 | | 3126 |
| 2014 | 2117 | 3062 | 3206 | 5043 | 2016 | 3200 | | 3199 |
| 2025 | 2121 | 3063 | 3207 | 5049 | 2019 | 3201 | | 3261 |
| 2026 | 2122 | 3067 | 3211 | 5050 | 2020 | 3213 | | 3284 |
| 2027 | 2123 | 3068 | 3212 | 5051 | 2021 | 3218 | | 4008 |
| 2031 | 2127 | 3069 | 3217 | 6001 | 2032 | 3219 | | 4020 |
| 2037 | 2128 | 3073 | 3223 | 6002 | 2033 | 3225 | | 4021 |
| 2038 | 2129 | 3079 | 3224 | 6003 | 2043 | 3235 | | 4039 |
| 2039 | 2133 | 3080 | 3241 | 6007 | 2044 | 3236 | | 4045 |
| 2049 | 2134 | 3085 | 3242 | 6008 | 2045 | 3237 | | 5045 |
| 2050 | 2135 | 3086 | 3243 | 6009 | 2147 | 3267 | | 5057 |
| 2051 | 2139 | 3087 | 3247 | 6013 | 2152 | 3272 | | 6036 |
| 2055 | 2140 | 3093 | 3248 | 6014 | 2153 | 3273 | | 6039 |
| 2056 | 2141 | 3097 | 3249 | 6015 | 3008 | 3278 | | 6044 |
| 2057 | 2145 | 3109 | 3253 | 6016 | 3009 | 3279 | | 6045 |
| 2061 | 2146 | 3110 | 3254 | 6017 | 3047 | 3283 | | 6055 |
| 2062 | 2151 | 3111 | 3255 | 6019 | 3048 | 3285 | | 6056 |
| 2063 | 3001 | 3121 | 3259 | 6020 | 3074 | 4003 | | 6057 |
| 2067 | 3002 | 3133 | 3260 | 6025 | 3075 | 4006 | | |
| 2068 | 3003 | 3134 | 3265 | 6026 | 3081 | 4007 | | |
| 2069 | 3007 | 3135 | 3266 | 6027 | 3091 | 4014 | | |
| 2073 | 3013 | 3136 | 3271 | 6028 | 3092 | 4015 | | |
| 2074 | 3014 | 3139 | 3277 | 6029 | 3098 | 4019 | | |
| 2075 | 3015 | 3140 | 3283 | 6030 | 3100 | 4038 | | |
| 2079 | 3025 | 3141 | 4001 | 6034 | 3101 | 4044 | | |
| 2080 | 3026 | 3145 | 4002 | | 3115 | 4047 | | |
| 2081 | 3027 | 3146 | 4013 | | 3117 | 4048 | | |
| 2085 | 3031 | 3147 | 4037 | | 3122 | 5002 | | |
| 2086 | 3032 | 3151 | 4043 | | 3123 | 5021 | | |
| 2087 | 3033 | 3152 | 4046 | | 3124 | 5033 | | |
| 2091 | 3037 | 3157 | 5001 | | 3127 | 5039 | | |
| 2092 | 3038 | 3158 | 5003 | | 3128 | 5044 | | |
| 2093 | 3039 | 3159 | 5013 | | 3129 | 5055 | | |
| 2097 | 3043 | 3163 | 5014 | | 3137 | 5056 | | |
| 2098 | 3044 | 3164 | 5015 | | 3138 | 6018 | | |
| 2099 | 3045 | 3165 | 5019 | | 3153 | 6021 | | |
| 2103 | 3046 | 3169 | 5020 | | 3177 | 6031 | | |
| 2104 | 3049 | 3170 | 5025 | | 3180 | 6032 | | |

NB The code colors identified as NT are part of "New Trends" colors, therefore a dedicated quotation will be made.

For further technical information:

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