

Application Datasheet

SCUDOCHROMAME 702WA MARBLE & WOOD

Anti-scratch protective top coating for marble and wood

Key Characteristics

ScudoChromame 702WA™ is a 2K hydrophobic anti-scratch anti-corrosion anti-stain protective top coating designed to protect expensive elegant marble and wood surfaces for physical and chemical damage. Materials such as marble or granite or wood on their own are susceptible to staining, scratching, and other forms of damage due to their porous natures and inconsistent durability. 702WA protects the surfaces from stain, and chemicals and is able to withstand tremendous force without buckling, while retaining a crystal-clear appearance. The nano-structure of the epoxy resin preserves the natural shine of surfaces and enhances the beauty the surfaces on which it is applied

Product Information

- Transparent : Maintains the natural appearance of the stone marble granite and wood surfaces
- Oxidation Inhibitor: Does not allow moisture to build up leading to oxidation and yellowing
- UV- Stabilized: Ensures long lifetime of the coating in exterior applications
- Excellent Adhesion: The product has an ultra solid bond directly to all surfaces
- Chemical Resistance : Resistant to oil, grease, petrol, salt-spray and also to the most aggressive solvents
- Temperature resistance: -10°C - 120 °C
- Waterproof: Omni-phobic; hydrophobic
- Anti antiscratch: Resists to denting and scratching
- Stain Resistance: 702WA is non poured and water resistant thus highly resistant to stains spilled over
- Can be easily maintained or repaired if required , by sanding and re-coating

Physical Features at supply

Binder type	Acrylic - 1K Product
Appearance	Glossy- medium viscosity liquid
Colour	Transparent
Supply Vx	23 ± 3" CF/4 at 20°C
Flash point	25°C
Specific Density	0,990 ±0,030 Kg/l at 20°C
VOC Content	455g/l
Solids by volume ^[1]	70± 1%

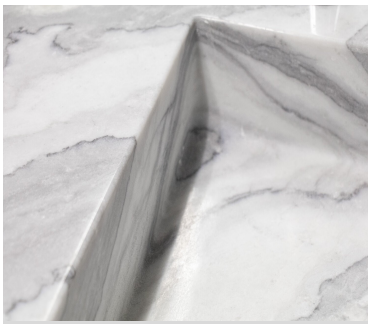
Dry Product Features

Dry film thickness	70-100 µm
Finish	Gloss 99%
Resistance to abrasion	4mg/cycle Taber Wear Index (ASTM D4060)
Tintable	Can be custom tinted in any RAL Paint Color with CME PIGMENTS
Coverage	6 sq.m./litre coat for thickness 70µm DFT

SPECIAL NOTES :

[1] ScudoChromame 702 WA always requires thorough surface preparation & cleaning

[2] ScudoChromame™702MT can be custom formulated in any RAL Paint Color



DESCRIPTION

ScudoChromame™ 702WA. is a hydrophobic clear protective top coating designed for protecting and enhancing the beauty of marble and wood surfaces

FEATURES

- Abrasion & Chemical Resistant
- Highly transparent
- UV resistant
- Premium weather-ability
- Extremely durable
- Pigmentable
- Easy and safe to apply
- Easy to clean & maintain

TYPICAL USE

Architectural:

Interior and Exterior common living spaces, floorings (also high traffic)



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Application Data Sheet

SERVICES

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Instructions for use

PRIMER OR FIXATIVE SELECTION	For WOOD: Whether to use a commercial Primer Sealer Coat (usually a 2k product with filler properties that yields a thick layer uniforming surface imperfections) or the SCUDOFIXATIVE 4F (a 1k product highly penetrating that comes to a thin coat) depends on the condition of the application (interior or exterior), the type and condition of the wood surface and the final result to be achieved. For MARBLE, it is recommended to always use SCUDOFIXATIVE 4F to guarantee the best durable results with SCUDOCHROMAME 702WA															
SURFACE PREPARATION	Make sure that the surface is completely even, clean, dry and firm. If needed, delimit the area using masking tape, before applying. Carefully sand the surface with medium /course grit paper (400-600) If the surface is already coated use sandpaper grit 180 to sand the putty and go for a second coat of primer Experts say if primer increases the wood cell fibers, then you should be sanding it with a fine sandpaper grit. Once coated with fixative or primer it is recommended to sand the surface again with sandpaper grit (400-600) Also for maintenance purposes the surfaces previously coated with SCUDOCHROMAME 70WA can be sanded to a smooth scratchless finish and coated over again with 702WA															
APPLICATION METHODS	Apply 1 coat of SCUDO FIXATIVE 4F by roller or paint brush Once coated with fixative or primer it is recommended to sand the surface again with sandpaper grit (400-600) before apply SCUDOCHROMAME 702WA Apply 2 coats of SCUDOCHROMAME 702WA by roller or paint brush															
THINNING	Thinning is not required. Only under exceptional circumstances like high temperature (> 45% °C), thinning can be necessary up to 10- 15% by volume. In this case ask for advice directly to support@chromame.it. The proper way of governing the film thickness is to sub-divide the areas to be painted and calculate the amount of paint to be applied on each sub-divided area. The exact amount of paint calculated shall be applied evenly on the area.															
OPERATING ENVIRONMENT	As dictated by normal good painting practice. In confined spaces provide adequate ventilation during application and drying. Recommended conditions for application are 20 – 25°C (68 - 77°F) and 30 – 60% relative humidity.															
DRYING & CURING TIME	<table border="1"> <thead> <tr> <th></th> <th>5° C</th> <th>10° C</th> <th>23° C</th> <th>40° C</th> </tr> </thead> <tbody> <tr> <td>Surface (touch) dry: The state of drying when slight pressure with a finger does not</td> <td>1h</td> <td>2h</td> <td>1h</td> <td>30min</td> </tr> <tr> <td>Dried /cured</td> <td>24h</td> <td>18h</td> <td>12h</td> <td>12h</td> </tr> </tbody> </table>		5° C	10° C	23° C	40° C	Surface (touch) dry: The state of drying when slight pressure with a finger does not	1h	2h	1h	30min	Dried /cured	24h	18h	12h	12h
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Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.																
Important Note It is recommended to allow not more than 15-20 minutes between 1st and 2nd coat. Do NOT apply a second coating layer on previous dry layer																



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Technical Datasheets



Scan for **MSDS** Material
Safety Datasheets

CAUTION This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to ChromaMe technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product.

HEALTH AND SAFETY Please observe the precautionary notices displayed on the container and on MSDS Material Safety Data Sheets for each product. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought.

WARRANTY & LIABILITY LIMITATIONS Information contained herein is accurate to the best of our knowledge. The coating properties and cured coating properties listed herein represent typical values for AF201 and are not meant as specifications. ChromaMe Srls insists that users conduct their own tests for applicability and fitness for any purpose. Statements concerning use of products or formulations described herein shall not be construed as a warranty or license to infringe any patent or trademark, and no liability for infringement arising out of such use is assumed. Please refer to ChromaMe Standard Terms and Conditions or to your Purchase Agreement with ChromaMe for the warranty coverage of ChromaMe's product.