



Wood a natural choice

Medite[®] Tricoya[®] Extreme

Performance Warranty



PPG Industrial Coatings
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GENERAL

- For coverage, the colour of the primer needs to be aligned to the color of the Topcoat.
- All exposed edges must have a minimum radius of 3 mm.
- Fixing material must be stainless steel.
- The angle of all non-vertically parts from the applied claddings must be at least 9 degrees to avoid that water can stay on the paint surface.
- After any processing on the building site, all the end grains should be treated with the full paint system.
- Prevent capillary effect by making gaps sufficiently wide (minimum 5 mm).
- To preserve the coating the paint layer should be cleaned periodically at least one a year with a mild detergent.
- The joinery should fulfill all the general demands for construction.
- Exposition conditions (position of the object in combination with the exposure) are crucial for the maintenance cycle. This technical advice assumed normal exposure conditions. In the situation of mild or severe exposure the standard maintenance cycle needs to be adjusted.
- The performance of the coating systems described in this technical advice is also determined by the applied colour and the associated maintenance pattern. The maintenance cycle in this technical advise is based on application of light colours.
- For the warranty on the building site or several applications of Medite Tricoya Extreme, contact the technical department for the PPG Wood Finishes product range from PPG Industrial Coatings for a specific technical advice.
- After the industrial application of the paint system the elements are in optimum condition, these elements should be treated with care.
- Mechanical damage should be avoided at all time; the elements should be protected as much as possible.
- Any damage should be restored with the full paint system with the appropriate prescribed materials.

TECHNICAL ADVICE

COATING SYSTEM

Material	:	Medite Tricoya Extreme, MDF
Finishing	:	Opaque paint system

Remarks

- Surfaces should be dry and clean.
- The coating system must be applied in accordance with PPG Industrial Coatings technical guidelines.

Industrial application

- The cladding boards should be covered on all sides with two layers of PPG Wood Finishes PE 627QO in a dry layer thickness of 60 µm each. The total layer thickness of the Primer should be in total 120 µm.
- On the visible and weathered surfaces should be applied one layer of PPG Wood Finishes TE 112QO Satin with a dry layer thickness of 50 µm.
- The total dry layer thickness of the paint system Primer and Topcoat should be 170 µm.

MAINTENANCE

The conditions to which the Medite Tricoya Extreme MDF is applied is a subject of great importance to the maintenance frequency of the paint system. In any case the coating should be periodically cleaned. The following maintenance period is therefore an indication.

year	0	1	2	3	4	5	6	7	8	9	10	11	12
Opaque paint system													
Coating system on Medite Tricoya Extreme MDF	A	-	C1	-	-	-	-	-	C2	-	-	-	X

A. Application

After application the assembled work should be inspected, based on this we are able to finalise the warranty.

C1. Check

In the second year it is important to do the double check on the quality of the delivered products or mechanical damages, if there is a failure we are still able to restore this. Any damage should be restored with the full paint system with the appropriate prescribed materials.

C2. Check

In this year again we want to do a check on mechanical damages, if so we have to restore this. To preserve the coating the paint layer should be cleaned periodically. During the cleaning in this year we advise to combine this with the application of PPG Woodcare Milk.

X. Review

It is recommended that the project should be reassessed 12 years after application. Based on this assessment PPG Industrial Coatings will draft a new Technical advice.

PERFORMANCE WARRANTY

First establish the effect of the weather conditions and the load range which will affect the substrate after it has been installed. The load is primarily affected by the way the substrate has been installed, the size of the roof outreach and the building location. Subsequently include the installation of the substrate in one of the 5 groups.

Groups of loads and effects of the weather for wooden windows and external wooden doors (windward side)

Secura-Check

0 without direct effects of the weather	2 exposed to moderate weather effects	4 exposed to very strong weather effects
1 exposed to weak weather effects	3 exposed to strong weather effects	

building location

window assembly method	eaves depth	ground floor 1st floor to 3rd floor	detached house either on a slope or above 3rd floor	mountainous regions or sea coast
set back	big	0	0	1
in line with facade		1	1	2
set back	medium	1	2	3
in line with facade		2	3	4
set back	small	2	3	4
in line with facade		3	3	4

First, an extent of exposure to the weather effects should be determined as well as a scope of loads to which wooden building components are exposed after their installation. Window assembly methods, eaves depths and the building location have an essential influence on the loads. Next, the installed wooden components should be categorized into one of five load groups, and then, Secura-Check ought to be turned over.
Based on the table 'Varnish groups for external doors and windows', issued by ift e.V., Rosenheim

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Secura Check	Performance Warranty	Remark(s)
0	12 years	In combination with Medite Tricoya Extreme
1	10 years	In combination with Medite Tricoya Extreme
2	8 years	In combination with Medite Tricoya Extreme
3	6 years	In combination with Medite Tricoya Extreme
4	5 years	In combination with Medite Tricoya Extreme