

TECHNICAL INFORMATION

FAQ

GENERAL QUESTIONS:

1. What is Fortina?

FORTINA is a product that combines aluminum profiles and high performance decorative surface film that reproduces the textures of natural materials.

2. What are the attributes of FORTINA?

High quality, dimensional stability, minimizes weight, uniform coloration
Incombustible material, widely used in interiors and exteriors of commercial buildings in Japan since 2009.
Neat, clean and quick installation.

3. How many Louver sizes are there?

Comes in stock 50 profiles. Smallest profile is 20mm x 40mm (1" x 2"), largest 50mm x 150mm (2" x 6") All profile dimensions are in metric.

4. What is the longest length the Louver / Slat comes in?

16'0" for Ocean shipping
For air shipments, 9'4" is the ideal longest size. Any longer than 9'4" requires special charge for the cargo.

FINISHES:

5. How many finishes are there?

Total 150 stock films are available in interior and exterior grade
Finish code for Interior finishes starts with TE, for exterior finishes with TA.

6. Are all the finishes the same price?

Exterior finishes are slightly more expensive.

7. Can the Exterior spec be used indoors? Is it more durable? Can an indoor spec be used outdoors if it is UV coated?

Exterior finishes can be used for indoors, and durability is the same. Interior grade finishes cannot be used outdoors even with UV coated, because the printed ink specification is different.

TEST RESULTS

8. What is the fire rating?

Fortina has passed these certifications for non flammability.

- ASTM E84 CLASS A Fire Rating (FSI10/ SDI10)
- NM2239 and 2244
- European Standard CLASS B (French M1)

9. How does the product hold up in hot/humid climates and near "water"?

Film used for Fortina have passed two year exposure test (EMMAQUA) in New River, Arizona.

WARRANTY / CARE AND MAINTENANCE

10. What is the warranty?

Two years from the date of delivery. Warranty covers adhesion to paper only, not wear and tear or nicks from handling.

11. Will the Louvers withstand power washing?

Not recommended.

12. Do the Louvers scratch easily? What can we do about scratches?

Scratch test result 2B. Touch up paint is the most convenient way to hide scratches, but not perfect. A 10% overage is required for the purpose of having extra components to cover any damages beyond touch up.
Toppan sells a touch up pen to match each HD1 paper and it can be added to order.

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13. Is there any type of care/maintenance required?

Wipe with dry cloth after wiping with wet soft cloth or wet sponge.
Do not brush with steel brush, steel wool or sandpaper.
Do not handle Louvers on surfaces with grit or gravel. It will cause scratches.
Even a small scratch needs to be repaired soon.
Do not use organic solvent such as alcohol for cleaning.
Check bolts, nuts or screws in every timely manner.
More maintenance to be required in industrial areas or near ocean.

14. Can the Louvers get wet?

Not ideal for interior grade, exterior grade is designed to be used outside in weather.

INSTALLATION

15. What is the best way to cut the Louvers on site?

Aluminum cutting saw is required along with long table. A new blade is recommended.

16. Is there an explanation on how the joint between the Louvers (and spandrels) works for a very long ceiling?

We recommend leaving an expansion gap of 12 mm between Louvers or spandrels.

17. Do the Stringers and brackets come in a variety of sizes and finishes?

Stringers come in two designs, depending on application. Standard finish is raw aluminum, but they can be anodized or powder coated.

18. How much does the “average” THS-4080 Louver weigh per foot?

As an example THS-4080 weighs 0.688 lbs per foot

19. What is the lead-time?

Fortina is made to order. Typical lead time is 8-10 weeks. (5 weeks production, 1 week packaging, 1 ½ weeks air or 3 weeks boat inbound freight).

20. Is there any hardware to hang/merchandise products from the Louvers?

No. Louvers are only decorative.

21. Can the Louvers be curved?

Yes. Louvers for interior use can be bent to a shallow curvature. For exterior applications, Louvers cannot be curved.

PURCHASING FORTINA

22. Do you have local reps?

All Fortina inquiries are handled from our Head Office in California. Please call (800) 350-4127

23. What is the square footage price of Fortina?

It varies based on Louver profile size and quantity ordered. Please call (800) 350-4127

24. How can I get samples?

You can click “order a sample kit” link on the website or call (800) 350-4127

25. Do you offer an expedited option?

Production time is set, but shipping can be expedited via airfreight.