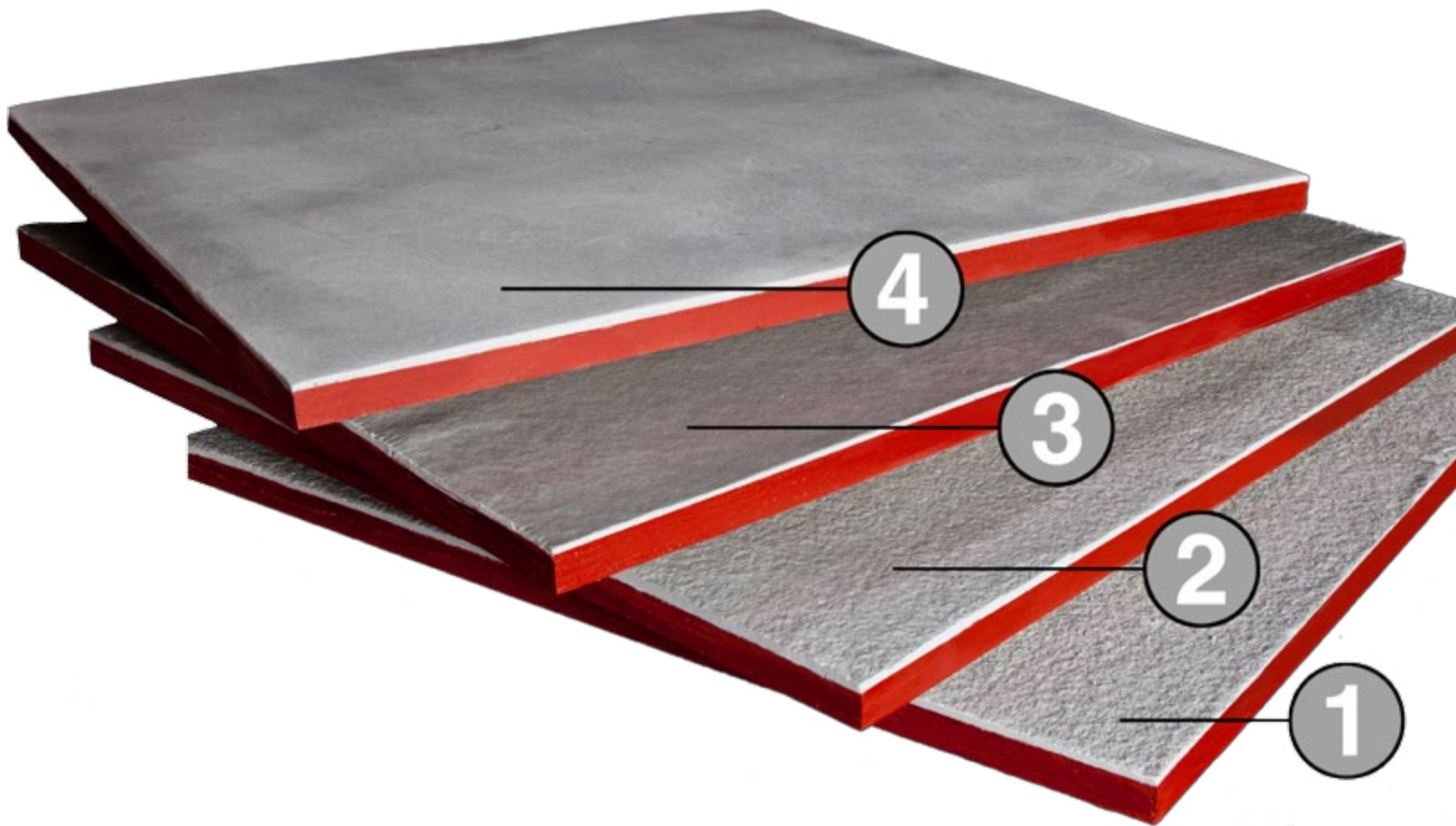


Thermo-Lag[®] 3000

Finish Levels



Thermo-Lag 3000 Finish Levels

This guide should only be used to determine the level of finish for a particular application. The level of finish should be clearly defined in the specification and agreed upon by all parties involved prior to starting any installation. A representative sample should always be produced as a quality standard for the project.



LEVEL
1

Standard Finish

(Spray Applied and Minimal Back Rolling)

Definition

Standard sprayed finish applied to specified DFT requirements with surface irregularities. Surface has a textured appearance.

Procedures

Spray application with airless equipment. Surface is left as sprayed with hand tooling or back rolling on edges only.

Suggested Use

Areas where surface appearance is not of primary concern or not visible such as, mechanical rooms, parking garages, and light industrial applications.



LEVEL
2

Commercial Finish

(Spray Applied and Back Rolled)

Definition

Sprayed and back rolled finish applied to specified DFT requirements with some surface irregularities. Uniform, light texture with minimal surface defects.

Procedures

Spray application with airless equipment. Surface is then back rolled to smooth high points and surface defects. Back rolling/hand tooling are required on flanges and angles. Material must be applied in a consistent manner with lighter coats. This will maintain the best possible finish prior to any secondary surface finishing.

Suggested Use

Visible areas where a uniform texture and an upgrade from a Level 1 Finish is desired.

Thermo-Lag 3000 is used on many projects where surface finish and aesthetics are important factors. When applying epoxy intumescent materials there are a range of finish levels that may be achieved dependent upon requirements and the aesthetic specification of the project. This guide provides architects options to determine the level of aesthetics for a project and what is required to achieve them.



Definition

Spray applied to specified DFT requirements, back rolled and sanded. Some slight texture visible. Uniform appearance with minimal surface defects.

Procedures

Spray application with airless equipment. Surface is then back rolled to smooth high points and surface defects. Back rolling and hand tooling are required. Surface is then sanded to minimize texture. Material must be applied in a consistent manner with lighter coats. This will maintain the best possible finish prior to any secondary surface finishing.

Suggested Use

Areas with high visibility where high quality finish is desired.



Definition

Spray applied to specified DFT requirements, back rolled and sanded. No texture visible. Uniform smooth appearance with no surface defects. Surface shall be smooth and free of tool marks and ridges.

Procedures

Spray application with airless equipment. Surface is then back rolled to smooth high points and surface defects. Back rolling and hand tooling are required. Surface is then sanded smooth to eliminate orange peel texture. Material must be applied in a consistent manner with lighter coats. This will maintain the best possible finish prior to any secondary surface finishing.

Suggested Use

Areas where highest quality finish is desired.

Application Considerations: It is important to understand that application time and labor required will increase with higher finishing levels. When applying Thermo-Lag 3000, follow all project specifications and application guidelines outlined in the Thermo-Lag 3000 Application Manual (latest edition). These recommendations should be used to determine the aesthetics for a given project. Carboline is not responsible for determining what finish is acceptable.

The level of finish achieved will depend on:

- » Experience of the applicator
- » Ambient conditions
- » Application method and equipment
- » Access to steel
- » Size and configuration of steel structure

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