

HOW TO SPECIFY FENIX NTM NANOTECH MATTE SURFACE

Interior Finishes and Casework Section _____

Note: For additional information, contact:

REHAU Industries LLC

625 Kenmoor, Suite 105

Grand Rapids, MI 49546

Telephone: (888) 734-2810

(616) 285-6867

Fax: (616) 285-7622

Or <https://www.rehau.com/us-en/furniture>

PART I GENERAL

1.1 PRODUCT DELIVERY AND STORAGE

Deliver materials only when the project is ready for installation and the general contractor has provided a clean storage area.

Delivery of architectural millwork shall be made only when the area of operation is enclosed, all plaster and concrete work is dry and the area broom clean.

Maintain indoor temperature and humidity within the range recommended by the *North American Architectural Woodwork Standards* for the location of the project.

PART II PRODUCTS

2.1 FENIX NTM LAMINATE

Laminate material shall be FENIX NTM 0.9mm laminate and 1.0mm HPL backer sheet supplied by REHAU.

Color choice indicated by architect/designer.

2.2 ADHESIVES

Laminate must be applied to a suitable core material using PVAc glue or Type 1 waterproof Polyurethane Reactive (PU-R) glue.

2.3 SUBSTRATES

Laminates should be bonded to a suitable substrate such as medium-density fiberboard (MDF), high-density fiberboard (HDF), or industrial grade (45 lb density or higher) particle board (CS-236-66: Type 1, Grade B, Class 2).

2.4 BACKING SHEET

FENIX NTM 0.9mm laminates should be applied to the top side of the MDF or particle board core. A color matched FENIX 1.0mm HPL backer sheet should be applied to the back side of the board. This ensures a properly balanced panel.

2.5 EDGEBANDING

Doors and drawer fronts must use color matching REHAU LaserEdge edgebanding in order to achieve a zero joint appearance. Edgeband must incorporate a polypropylene (PP) functional adhesive layer. A Laser, Hot Air, or Near Infra-red (NIR) edgebander machine is required.

PART III EXECUTION

3.1 INSPECTION

All laminate surfaces shall be inspected prior to further processing to ensure they are clean, and free of surface defects. Protective peel coats must remain intact until the finished components have been installed.

3.2 FABRICATION

FENIX NTM boards when cut to size for the individual components (such as doors, drawer fronts, etc) shall be edgebanded with RAUVISIO laseredge edgebanding using a laser or hot air edgebander.

Cabinet construction type: FRAMELESS (preferred) or FACE FRAME.

3.3 INSTALLATION

FENIX NTM finished components shall be installed conforming to industry standard practices, conditions, procedures and recommendations as specified by ANSI/NEMA LD-3-2005.