

## HOW TO SPECIFY RAUVISIO CRYSTAL MATTE PANELS

### Interior Finishes and Casework Section \_\_\_\_\_

Note: For additional information, contact:

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## **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 RAUVISIO CRYSTAL PANELS

Matte material shall be RAUVISIO crystal laminates bonded to a suitable substrate as a laminated panel supplied by REHAU.

Color choice indicated by architect/designer.

### 2.2 ADHESIVES

RAUVISIO crystal laminate must be applied to a medium-density fiberboard (MDF) core material using Type 1 waterproof Polyurethane Reactive (PU-R) glue.

## 2.3 SUBSTRATES

RAUVISIO crystal laminates are bonded to a medium-density fiberboard (MDF) substrate with a minimum 120 grit surface. MDF must be either CARB2 compliant or pass EN 622-1 Class E1 regulations for formaldehyde emissions.

## 2.4 BACKING SHEET

RAUVISIO crystal laminate is applied to the top side of the MDF core, and a color matched backer sheet is applied to the bottom side. 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 coat must remain intact until the finished components have been installed.

## 3.2 FABRICATION

RAUVISIO crystal 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

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