

HOW TO SPECIFY DIAFOS BY ABET LAMINATI HIGH PRESSURE DECORATIVE LAMINATE 1.6 MM TRANSLUCENT R605

Section 06067 Plastic and Metal Surfacing Materials

Note: For additional information, contact:

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PART I GENERAL

1.1 PRODUCT DELIVERY AND STORAGE

Contractor shall supply and install DIAFOS by ABET LAMINATI high pressure laminate as shown on drawings and as specified.

DIAFOS high pressure laminates must be stored in a horizontal position, supported for their whole length and positioned on edge. Laminate sheets should be protected from moisture and should never be stored in contact with the floor or outside wall.

1.2 PRECONDITIONING

Like wood, a DIAFOS high pressure laminate has a grain direction, and its dimensional behavior with moisture changes is also similar to wood. When humidity changes, the width of the laminate undergoes greater dimensional change than the length (by a ratio of approximately 1.5). As humidity decreases, the laminate sheet contracts, and when the humidity increases, the laminate sheet expands.

DIAFOS high pressure decorative laminates and the substrate should be allowed to acclimate for at least 48 hours at approximately 23 degrees C (73 degrees F) and a relative humidity of 45 % to 55 %. Provision should be made for the circulation of air around the components.

PART II PRODUCTS

2.1 DIAFOS HIGH PRESSURE LAMINATE

The DIAFOS high pressure laminate shall be ABET LAMINATI laminate supplied by ABET Inc. as follows:

Laminate Type/Grade	1.6 mm thick DIAFOS High Pressure Laminate-Translucent
Pattern Number	
Finish Name	Soft

PART III EXECUTION

3.1 INSPECTION

All laminate surfaces shall be inspected prior to fabrication to ensure they are sound, clean, and free of surface defects. Protective peel coat should be removed prior to inspection.

3.2 INSTALLATION

ABET LAMINATI cutting, drilling, and fastening procedures for DIAFOS laminates must be followed. Material, equipment, and workmanship should conform to industry standard practices, conditions, procedures and recommendations as specified by ANSI/NEMA LD-3-2000 (Latest Revision), Annex A, Application, Fabrication, and Installation (of High Pressure Decorative Laminates); Architectural Woodwork Quality Standards (AWI); and DLPA and ANSI 161.2-1979 Standards.

SHORT FORM

Surface shall be DIAFOS by ABET LAMINATI Decorative High Pressure Laminate supplied by ABET Inc., Englewood, N. J.

Type: 1.6 mm thick DIAFOS High Pressure Laminate-Translucent

Surface:
Color Number

Finish:
Finish Name Soft