

EXHIBIT B1: GENERAL DISCUSSION

GENERAL NARRATIVE

Incorporate the following basis of design into the appropriate architectural sections of the specifications. Specify products that emit low volatile organic compound (VOC). Limit use of polyvinyl chloride (PVC) based materials.

A. Adhesives

1. Flooring Adhesives

Before specifying any flooring product, consult with manufacturers to determine the correct adhesive to use with their product and whether they have low VOC adhesives. The following guidelines provide VOC limits for adhesives.

a. South Coast Air Quality Management District - South Coast Rule #1168:

Use this rule as a guideline to reduce emissions of VOC from the application of adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primers. Refer to www.aqmd.gov.

Welding & Installation	VOC Limit (grams/Liter)
Indoor carpet adhesives	50
Carpet pad adhesives	50
Wood flooring adhesives	100
Rubber flooring adhesives	60
Subfloor adhesives	50
Ceramic Tile adhesives	65
Subfloor adhesive	50
VCT & asphalt tile adhesive	50
Drywall and panel adhesive	50
Cove base adhesive	50

2. Framing and Construction Adhesives

Specify the following product(s) as the basis of design.

a. DAP Inc.

2400 Boston Street, Suite 200

Baltimore, MD 21224

(800) 543-3840

www.dap.com

Product: DAP 4000 Subfloor/Deck Adhesive

3. Cove Base Adhesives

Specify the following product(s) as the basis of design.

a. DAP Inc.

2400 Boston Street, Suite 200

Baltimore, MD 21224

(800) 543-3840

www.dap.com

Product: DAP® Beats the Nail® Cove Base VOC-Compliant Construction Adhesive

b. **AFM**

350 West Ash Street, Suite 700
San Diego, CA 92101
(619) 239-0321 - Factory direct
afmsafecoat.com
Product: AFM 3-in-1

c. **Advanced Adhesive Technology Inc.**

207 E Emory Street
Dalton, GA 30721
(800) 228-4583
aatglue.com

Product: 432 Modified Acrylic Cove Base Adhesive

d. **Mapei**

1501 Wall Street
Garland, TX 75041-4046
(800) 426-2734 (42-mapei)
mapei.com

Product: Ultrabond ECO 575

Attributes: A premium wall-base adhesive specifically designed to provide superior bond and impact resistance for rubber, vinyl and carpet wall base..