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**CHECKLIST #0120 FOR THE APPROVAL OF:  
ROOF BOARD INSULATION**

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- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
  - a) Specification sheets for each roof assembly submitted for approval,
  - b) Detailed application instructions for each product submitted for approval (including drawings if applicable),
  - c) Listing of all products, manufactured by your company used in the system, and
  - d) Listing of all products manufactured by others, including manufacturers name, used in the system.
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

**The following current laboratory tests and reports in compliance with protocol TAS 301.**

Extruded Polystyrene (EPS) (See TAS 110 for minimum performance requirements)

- Density per ASTM C 303
- Compressive Strength per ASTM D 1621
- Flexural Strength per ASTM C 203
- Thermal Resistance per C 518
- PIMA CP 101
- Water Absorption per ASTM C 272
- Water Vapor Permeance per ASTM E 96
- Dimensional Stability per ASTM D 2126
- Flame Spread per ASTM E 84

Fiberglass/Mineral Woodfiber (See TAS 110 for minimum performance requirements)

- Standard Spec for Mineral Woodfiber per ASTM C 726
- Compressive Strength per ASTM C 166
- Thermal Resistance per C 518
- PIMA CP 101
- Water Absorption per ASTM C 209
- Water Vapor Permeance per ASTM E 96
- Flame Spread per ASTM E 84
- Linear Expansion per ASTM C 208 Class C & E

Wood Fiberboard (See TAS 110 for minimum performance requirements)

- Water Absorption per ASTM C 209





**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
BUILDING CODE COMPLIANCE OFFICE**

- ❑ Compressive Strength per ASTM C 165
- ❑ Thermal Resistance per ASTM C 518
- ❑ PIMA CP 101

Perlite (See TAS 110 for minimum performance requirements)

- ❑ Compressive Strength per ASTM D 1621 Procedure 'A'
- ❑ Flexural Strength per ASTM C 203
- ❑ Tensile Strength per ASTM C 209
- ❑ Thermal Resistance per ASTM C 518
- ❑ PIMA CP 101
- ❑ Water Absorption per ASTM C 209
- ❑ Water Vapor Permeability C 355
- ❑ Dimensional Stability per ASTM D 2126
- ❑ Flame Spread per ASTM E 84

Polyisocyanurate (See TAS 110 for minimum performance requirements)

- ❑ Density per ASTM D 1622
- ❑ Compressive Strength per ASTM D 1621
- ❑ Thermal Resistance per ASTM C 518
- ❑ PIMA CP 101
- ❑ Water Absorption per ASTM C 209
- ❑ Dimensional Stability (7 days) per ASTM D 2126
- ❑ Flame Spread per ASTM E 84
- ❑ Spread of Flame (with roof cover) per ASTM E 108

