STX

PORCELAIN ARCHITECTURAL PANELS

TECHNICAL INFORMATION

MATERIAL: LAMINAM PORCELAIN

Made from a blend of fine-grain clays and other minerals to produce a very dense body, which makes porcelain highly resistant to moisture, staining and wear. It will withstand years of heavy weathering in exterior façade applications while maintaining its color and beauty.

SYSTEM

Custom made Laminam sintered Porcelain tile faced, modular wall and soffit panel system. System uses a rear ventilated dry joint, rain screen construction.

OPTIONS

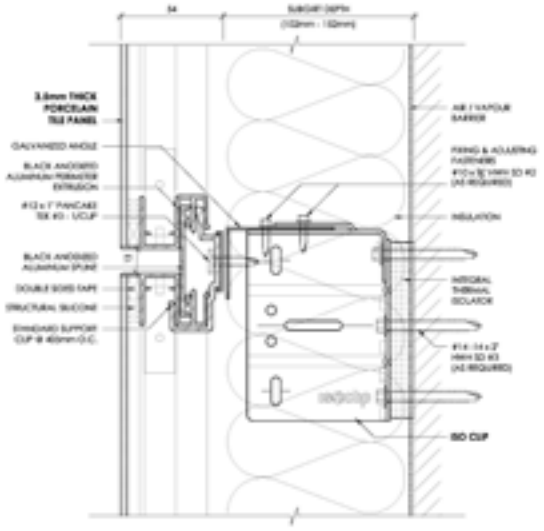
Available plank sizes:

- Laminam 3+ , 5 for 1000mm x 3000 mm, nominal thickness 3.5mm or 5.6mm
- Laminam 5 1620mm x 3240mm nominal thickness 5.6mm

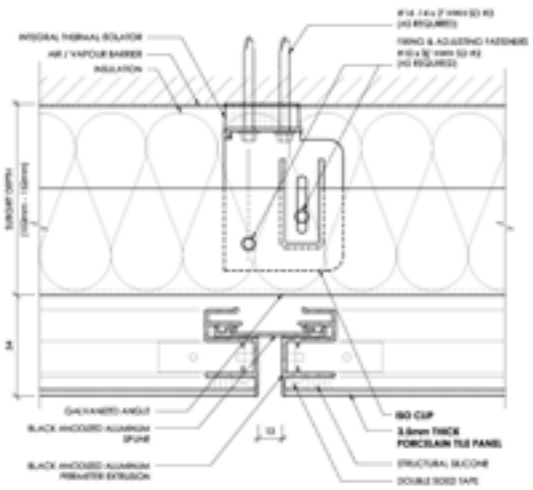
Exposed STX panel extrusions anodized as standard or painted with a PPG/ Duranar color or anodized to compliment porcelain tile.

Prefabricated mitered corners are available.

Horizontal joint



Vertical joint



NORTHERN FACADES

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KEY FEATURES

- Thin, light-weight slabs
- Install on multiple substrates
- Suitable for high rise construction
- Resistant to extreme frost and UV rays
- Scratch, dent, and abrasian resistant
- Wide range of high quality finishes and texture options available
- Non-combustible
- Quick installation
- Building code compliant

AVAILABILITY & PRICING

- Through approved façade and cladding contractors throughout North America
- Fabricated by Northern Facades Ltd. In a state-of-the-art production facility in Ontario, Canada
- Project estimating, design assistance, and engineered shop drawings though Northern Facades Ltd. Head Office
- Optimum price point cassette panel dimension 1000mm x 3000mm
- Average material lead time eight weeks

BENEFITS

- Large format sintered porcelain material
- 130+ colors to choose from
- SB10, ASHRAE 90.1 compliance through integration of a thermally insulated sub-girt ISO clip system
- Bonded fiberglass mesh backing comes standard with STX system to keep material in place in the unlikely event of breakage

TEST REFERENCES

AAMA 501.1-05 - Standard Test Method for Water Penetration of Windows, Curtain Walls and Door Using Dynamic Pressure

ASTM A653/A653M-15 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

ASTM A792/A792M Standard Specification for steel sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot Dip Process

ASTM C794-15a - Standard Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants

ASTM E283-04(12) - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

ASTM E330/E330M-14 - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference

ASTM E331-00(09) - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference

ASTM E1233/E1233M-14 - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Cyclic Air Pressure Differential

ETAG 002-12 - Guideline for European Technical Approval for Structural Sealant Glazing Kits (SSGK)

ULC-S135-04 - Standard Test Method for the Determination of Combustibility Parameters of Building Materials Using an Oxygen Consumption Calorimeter (Cone Calorimeter)

NORTHERN FACADES

Northern Facades Ltd.

6451 Northwest Drive
Mississauga, ON L4V 1K2
Canada

1-844-740-2050
info@northernfacades.com

NorthernFacades.com

17046-2-210318