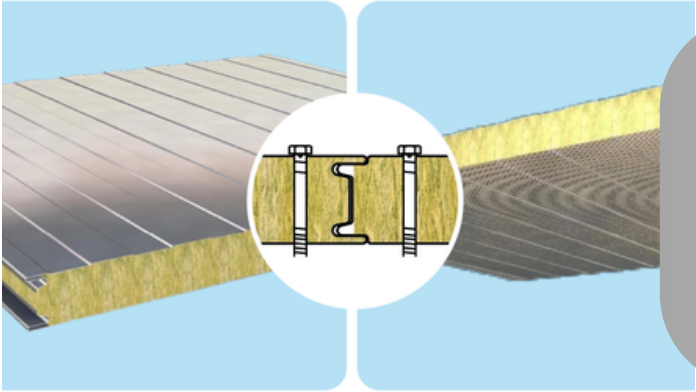


IMP experts

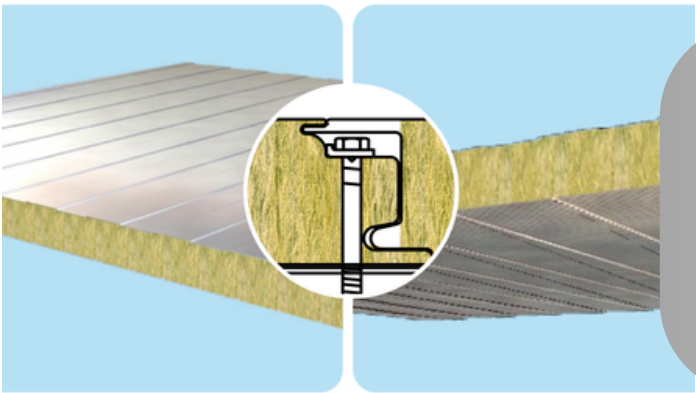


XIPRE

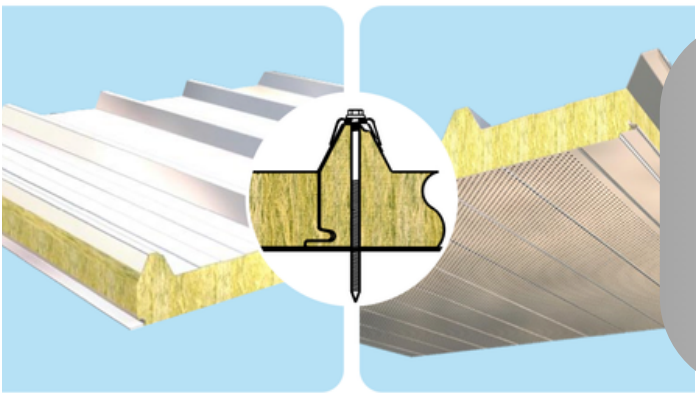
Fire Rated IMP



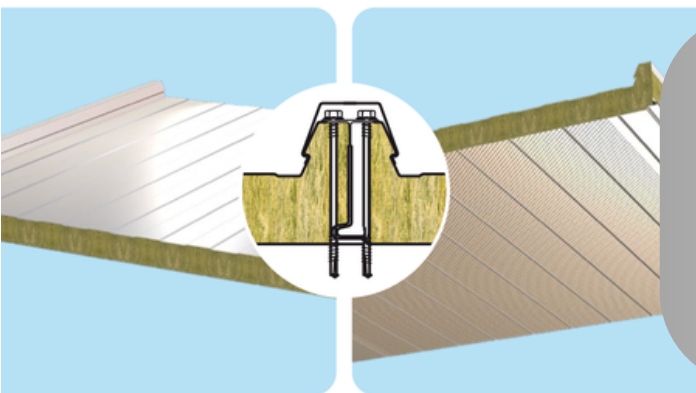
Partition Panel



Wall & Facade Panel



5 Rib Roof Panel



2 Rib Roof Panel



A diverse selection of colors and steel gauge options.



Fire resistance of up to 240 minutes.



Ready for Walls, Partition, and Roof application



www.xipreusa.com



813 438 3300



contact@xipreusa.com



Xipre

Headquarters

6013 Wesley Grove Blvd
Wesley Chapel, 33544,
Florida, US



The Noroc® architectural panel is a fire-rated, insulated metal panel designed for highly energy efficient buildings. The core comprises a noncombustible, rigid stone-fiber insulation board made from natural basalt rock and recycled slag.

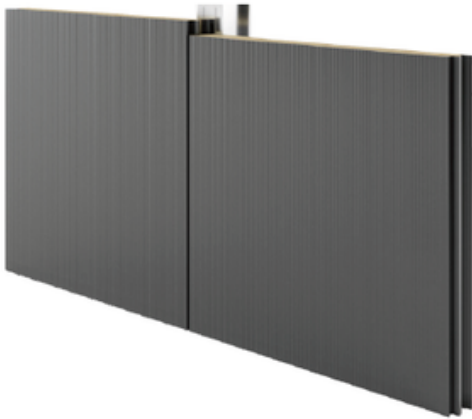
NOROC®-L

SPECIFICATIONS

DESCRIPTION	→ Vertical Mounting → Joint with concealed fastening clips → Different architectural arrangements → Applications: Interior & Exterior		
REVEAL OPENING OPTION	1/8"		
WIDTH ⁽¹⁾	42 ½"		
THICKNESS	5", 6" or 8"		
FIRE RESISTANCE	→ Vertical - Wall : 5" - 60 min 6" - 120 min 8" - 180 min → Horizontal - Ceiling : 6" - 90 min		
R-VALUE	→ R4/in @ 75 °F mean temperature ⁽³⁾		
MAXIMUM LENGTH	52' - 6" ⁽⁴⁾		
PROFILE	→ Interior : Silkline or Grooved → Exterior : Micro-ribbed, Silkline or Grooved		
GAUGE	→ Interior : 26, 24 or 22 ga → Exterior : 26, 24 or 22 ga		

WEIGHT (lbs/ft²) ⁽²⁾	5"	6"	8"
26/26 ga	5.04	5.75	7.17
24/24 ga	5.54	6.25	7.67
22/22 ga	6.04	6.75	8.17

JOINT



(1) The final module width may change due to fabrication and installation tolerances. It is not recommended to design panel layouts where precise panel joint position is critical, as minor variations may occur. (2) Data calculated using 0.019 in. thick steel and stone fiber with a density of 8.50 lbs/ft³. (3) Results as per ASTM C518 testing and technical evaluation. (4) Lifting equipment must be adapted.



APPLICATIONS

In addition to serving as fire-resistant partitions, Noroc products are used in a variety of applications, including industrial or commercial buildings, controlled environments, sports centers, and radiant barrier facades.

FEATURES / BENEFITS



- Exclusive and superior fastening system
- Wider girt spacing reduces costs
- Fast, simple & economical installation

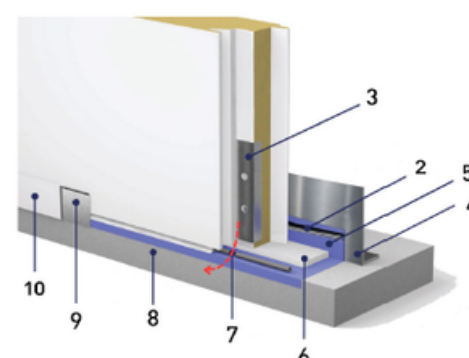
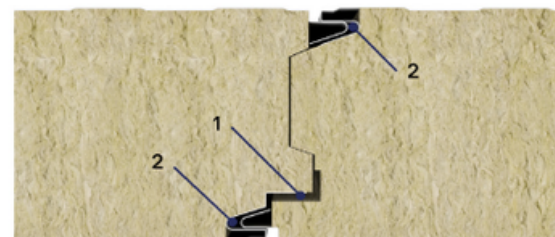


- Contains up to 51.7% recycled content
- Can contribute to obtaining LEED certification for a project
- Stone fiber has an ozone-depletion potential (ODP) of zero
- Noncombustible building materials with excellent fire resistant properties



- No cavities, penetration, thermal bridges, or risk of interstitial condensation
- Noroc® pressure-equalized rainscreen joint ensures that the building envelope is well sealed
- Option : factory-applied butyl sealant in the interior and exterior joint

PRESSURE-EQUALIZED RAINSCREEN JOINT



- | | |
|---------------------|-----------------|
| 1. AIR CAVITY | 6. POLYETHYLENE |
| 2. BUTYL | 7. WEEP HOLE |
| 3. FASTENER | 8. FOUNDATION |
| 4. STRUCTURAL ANGLE | 9. TRIM HANGER |
| 5. AVB MEMBRANE | 10. TRIM |

MAIN PHYSICAL PROPERTIES OF ROCK WOOL

PROPERTY	METHOD	RESULTS
Surface burning characteristics	ASTM E84 (UL723)	FSI = 0, SDI = 0
Test for non-combustibility	CAN4-S-114	Noncombustible
Moisture absorption (96-h exposure to high humidity atmosphere)	ASTM C1104	0.05 % by weight
Linear shrinkage	ASTM C356	0.19 %
Thermal resistance (R-value/inch @ 75 °F)	ASTM C518 (C177)	→ R4/in @ 75 °F mean temperature ⁽³⁾
Corrosiveness	ASTM C665	Passed
Stainless-Steel Stress Corrosion specification as per test method C871 and C692 : Nuclear regulatory Commission, Reg. Guide #1.36 : US Military Specifications MIL-I-24244 (all versions, including B and C)	ASTM C795	Compliant
Density (lbs/ft ³)	ASTM D1622	8.50 lbs/ft ³
Compressive strength (at 10 %) (4 in. panels)	ASTM C165	6.64 PSI (45.8 KPA)



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Where IMP meets Innovation

