

PRODUCT:

Overview:

Parkland™ **INSULEX** insulative panels and tiles replace and exceed traditional fiberglass and mineral insulation specifications, performance and environmental properties.

Handling:

Parkland INSULEX panels are lightweight, 100% fiberglass-free, and cut easily with ordinary field tools including jigsaw, circular saw.

Do not use pencil on Parkland Panel front surfaces.

Cleaning and Chemical Resistance:

INSULEX products exceed mineral fiber insulation performance for cleanability, waterproofness (absorption), impact resistance, and chemical resistance. INSULEX is safe to clean with most strong chemicals including bleach solutions.

Specification:

INSULEX is tough with 100% polymer construction provides a tough cost-effective solution for insulative panels meeting California Proposition 65, and G21 mold and mildew and requirements.

APPLICATIONS & USES:

INSULEX is ideal for insulated ceilings in food areas, wet areas, and service areas in restaurants, food processing facilities, and warehouses. Use INSULEX in building areas exposed to high-moisture, impacts, moisture

PARKLAND INSULEX & LEED: Products can qualify for LEED points under MR 4.1, 4.2, 5.1, 5.2, & IEQ SECTION 4.1.

INSULEX Features:

- 100% solid waterproof construction
- 100% fiberglass-free
- INSULEX Products do not support the growth of mold, mildew or bacteria, and PASS G-21.
- Best-in-class chemical & impact resistance

Warranty:

- All INSULEX products carry a one year exclusive non-prorated warranty.

Other INSULEX Products:

- INSULEX ceiling tiles

Product Availability

Product	Texture	Available Colors	Thickness	Panel Size	Installation	Available Accessories
INSULEX	Matte, Silk Cracked-Ice	White Almond	1/2" - 2"*	4' x 8' 4' x 10' 4' x 12'	Mechanically Fastened to studs or Wall	None
INSULEX Ceiling Tiles	Matte, Silk Cracked-Ice	White		2' x 2' 2' x 4'	Ceiling Grid	

*INSULEX is stocked in 1" thickness, other thicknesses available special order MOQ required.

INSULEX is available with a Class A or Class C laminate. Class A laminates are ASTM E-84 Class-A (I) for flame spread and smoke developed.

PHYSICAL PROPERTIES*:

INSULEX	ASTM E-84 Flame and Smoke Performance	Not Rated
ASTM D-2844	Insulation Value	R5 for 1" foam
ASTM D-4060	Taber Abrasion (wear resistance)	.060 wear index
ASTM D-638	Tensile Strength	1,412
ASTM D-638	Tensile Modulus	491,079
ASTM D-790	Flexural Strength (psi)	3,988 psi
ASTM D-790	Flexural Modulus (psi)	688,000 psi
ASTM D-570	Water Absorption	0.055%
ASTM D-2240	Hardness	65 Shore D
ASTM D-1308	Stain Resistance	No Effect
ASTM D-1308	Cleanability	10 (best)
ASTM	G-21	No Growth (Pass)

INSULEX Specifications

- 1. Parkland INSULEX** wall panels defined as: Non-porous, waterproof polymer insulative panels meeting applicable building materials standards; UL, ANSI, ASTM, NFPA, and California Proposition 65 and having minimum physical, performance, and environmental properties specified.
- 2. Panel Finish:**
INSULEX is available in a variety of textures and colors. Panel or tile backside and edges may possess slight imperfections that do not adversely affect performance or physical properties and are not cause for rejection.
- 3. Panel Dimensions:**
Thickness:
 - Thickness, all products: 1"
 - INSULEX Panels: 4' x 8', 10', 12'
 - INSULEX Ceiling Tiles: 2' x 2', 2 x 4'**Width: : 24", 48" +/- 1/8" Length: 96, 120", 144" +/- 1/4"**

Approvals & Certifications, INSULEX:

- Compliant with California Proposition 65.
 - Mold & Mildew Resistant per ASTM D-3273-94 and D-3274-95 tests.
 - Passes standard mold and mildew resistance per G21.
- **NOTE TO SPECIFIER**** Parkland™ INSULEX installations provide a unique combination of features including light reflectance, 100% waterproof construction, scrubbable surface, and best-in-class cleanability.

GENERAL:

Storage & Preparation – Carefully inspect all panels prior to installation. Notify Parkland at once for any unacceptable materials. INSULEX panels should be stored indoors on a flat, clean, dry surface for at least 48 hours prior to installation.

Serviceable Temperature Range – Parkland INSULEX products shall maintain performance characteristics and physical properties in temperatures ranging from -40°F to 125°F. INSULEX products may discolor near heat sources.

Parkland INSULEX Advantage – INSULEX is the only waterproof, scrubbable, rot-proof, insulative ceiling panel that passes NFPA 286.

Cleaning Guidelines – When a regular cleaning schedule is executed, soil and dirt will not build up. Use a mild, non-abrasive cleaner such as soapy water or ammonia-based cleaners.

For Additional Information, see:

- Parkland INSULEX Sell Sheets
- Parkland INSULEX Use & Care Guide
- Parkland INSULEX Warranty

For more information call: 800.835.4110 • or Visit: www.parklandplastics.com

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Statements expressed in this technical bulletin represent our best judgment based on our experience and are recommended for the installation of Parkland™ products under normal conditions. Unless prior approval is obtained in writing from Parkland™, any deviation from these recommended procedures shall be at the sole risk of the installer. Carefully inspect all parts. If a part is defective, notify Parkland at once. Failure to do so shall be at the sole risk of the installer.

