

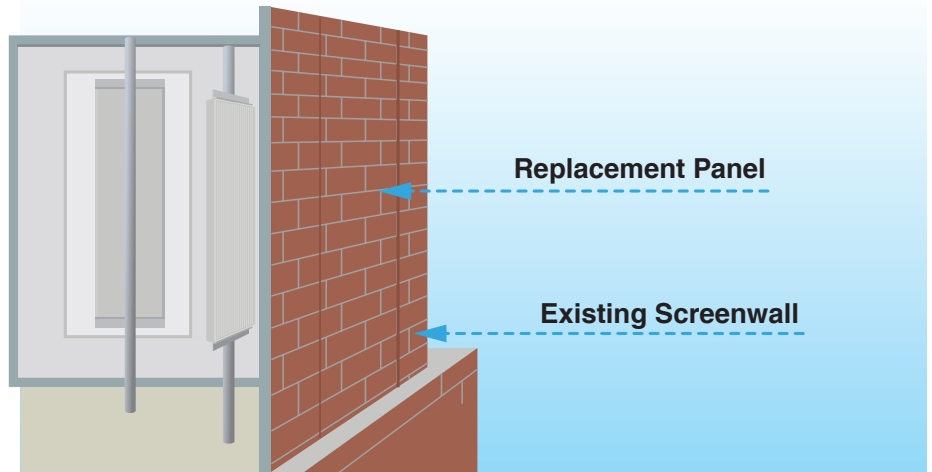
STEALTH Concealment Solutions

Panel and Rooftop Products

Featuring InvisiWave® C-band and 5G-Ready Panels



For the next generation of wireless deployments, small cell sites using 5G radios (C-band and mmWave) will be widely installed for network densification purposes. When placed in a community's right-of-way, a concealment solution may be necessary to hide radios in applications such as utility poles, street light poles, rooftop screenwalls, chimneys, etc. Concealments help with city approvals and can speed up the network deployment process.



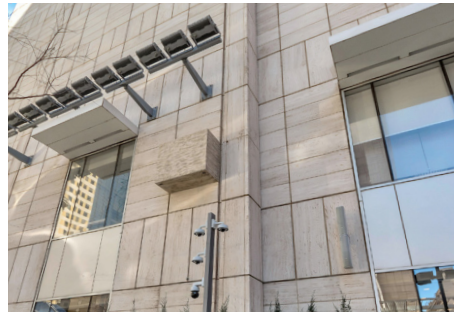
InvisiWave Features:

- Rigid surface
- Paint adhesion
- UV Resistant
- Hydrophobic surface
- Easy to fabricate and create various form factors
- Chemical and fire resistance (UL94, EN13501)
- Tested from 700 MHz to 100 GHz
- Thermal insulation
- Patent pending
- Minimum insertion loss
(avg. 0.1 dB @ 6GHz,
0° angle of incidence)
(avg. 0.1dB @ 28GHz,
0° angle of incidence)
(avg. 0.2dB @ 24GHz,
0° angle of incidence)
(avg. 0.4dB @ 39GHz,
0° angle of incidence)
- Thoroughly tested to identify beam forming impact
- Compatible to back lobe mitigation techniques
- Class 'A' Fire Rated
- City of Los Angeles Approved (Dept. of Building & Safety LARR 25400)

Raycap's STEALTH InvisiWave panels offer the option of ordering new panels or a replacement panel to retrofit an existing installation. Ships with a rain hood, radio mounting kit ordered separately.

InvisiWave for New Site Builds & Retrofit Projects:

InvisiWave panels can be used on new site builds and for retrofit projects. New projects will be designed and manufactured with InvisiWave built in the respective C-band or 5G radio location.



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InvisiWave® Technical Specifications

Property	Method	Units	Value
Thickness		mm	3
Density	ASTM D-792	g/cm ³	0.6 +/- 0.02
Flexural Modules	ASTM D-790	mPa	1600
Shore Hardness	ASTM D-2240	Shore D	60
Flammability	UL94		V-0
Flammability (Smoke Developed)	ASTM E84/ ASTM E2768		10(550)/7.4ft
Surface Resistance	ASTM D-257	Ohm	4.1×10^{14}
Heat Deflection Temperature	ASTM D-648 @ 1.8Pa Load	°C	62
Coefficient of Thermal Expansion	ASTM D-696	10-5/°C	6.7
Tested/Approved Spectrum	sub 6GHz, 24GHz, 28GHz and 39GHz		
Flammability Certification	Class 'A' Fire rated – City of Los Angeles Dept. of Building & Safety Approved (LARR)		

