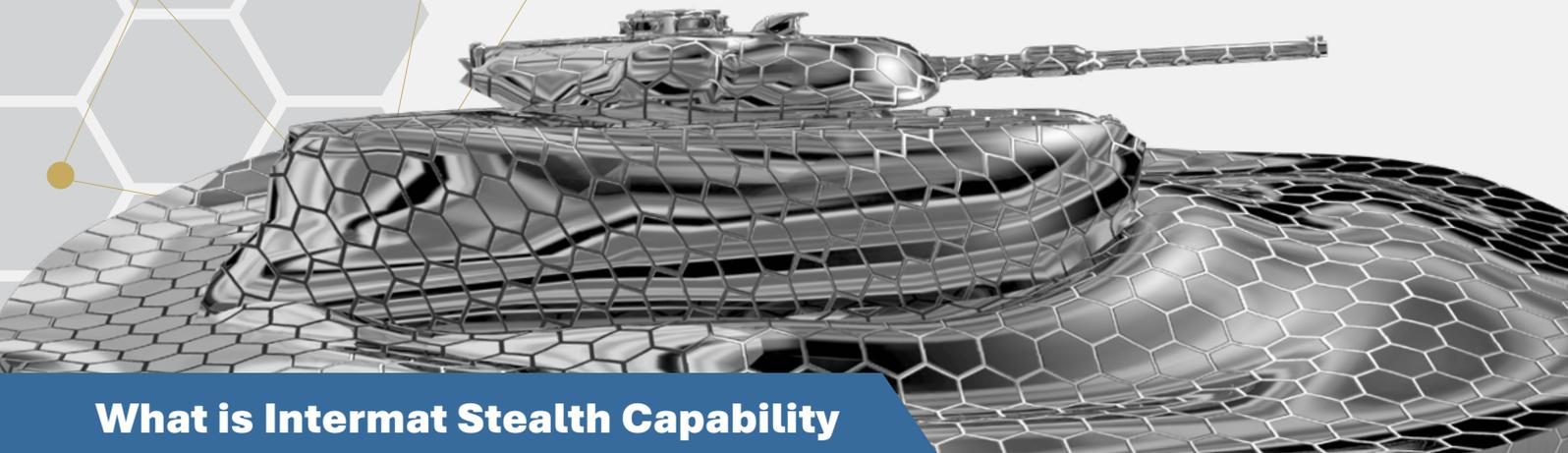




STEALTH SUPREMACY

Protection Against
THERMAL/IR Weapon Systems
UAVs, DRONES, ANTI-TANK MISSILES

NCAGE CODE:G1836



What is Intermat Stealth Capability Coating System (SCCS)?

INTERMAT Stealth ANTI-THERMAL/IR coatings protect assets and strategic infrastructure against IR detection and targeting, degrading thermal imaging and targeting of guided weapon systems, ISR platforms, and optics.

For application on any surface, from land force vehicles to naval vessels, strategic installations and infrastructure, hangars and shelters, bunkers, missile and radar sites, C2 nodes, equipment, and more. INTERMAT does not utilize insulation as its THERMAL/IR reduction foundation, but instead harnesses the fundamental physical principles of IR theory and nanotechnology.

The outcome is a drastic reduction in detectable Thermal/IR radiation, making the coated surface appear at ambient temperature blending with background and thus significantly less visible to an IR sensor.

Already in service and proven, INTERMAT ANTI-THERMAL/IR technology is TRL-9 and in use with NATO and US DoD counterparts.



Main battle tanks



Tracked Combat Vehicles

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Cutting-Edge Technology

The simplest and most effective asymmetric countermeasure to THERMAL/ IR detection and targeting.



Applicable on any Armored Combat Vehicle

Tailored Solutions

Recognizing the unique requirements of each project, our team is equipped to deliver customized painting solutions that cater to specific needs.

INTERMAT ANTI-THERMAL/IR stealth coatings have been extensively tested and evaluated in the field against the most modern EO/IR observation and targeting systems (both man portable and platform-based) that operate in the 3-5 μm and 8-14 μm wavebands.

Also available: INTERMAT CHAMELEON SKIN, STEALTH CLOAK FABRICS & SUITS with the same objectives of reducing IR signature through material applications.



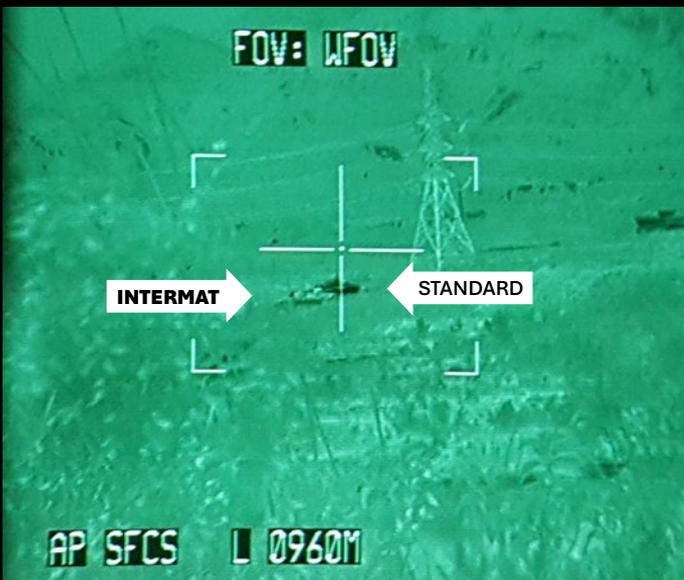
Indicative palette of colors



4 X 4 Wheeled Combat Vehicles



Marine Platforms



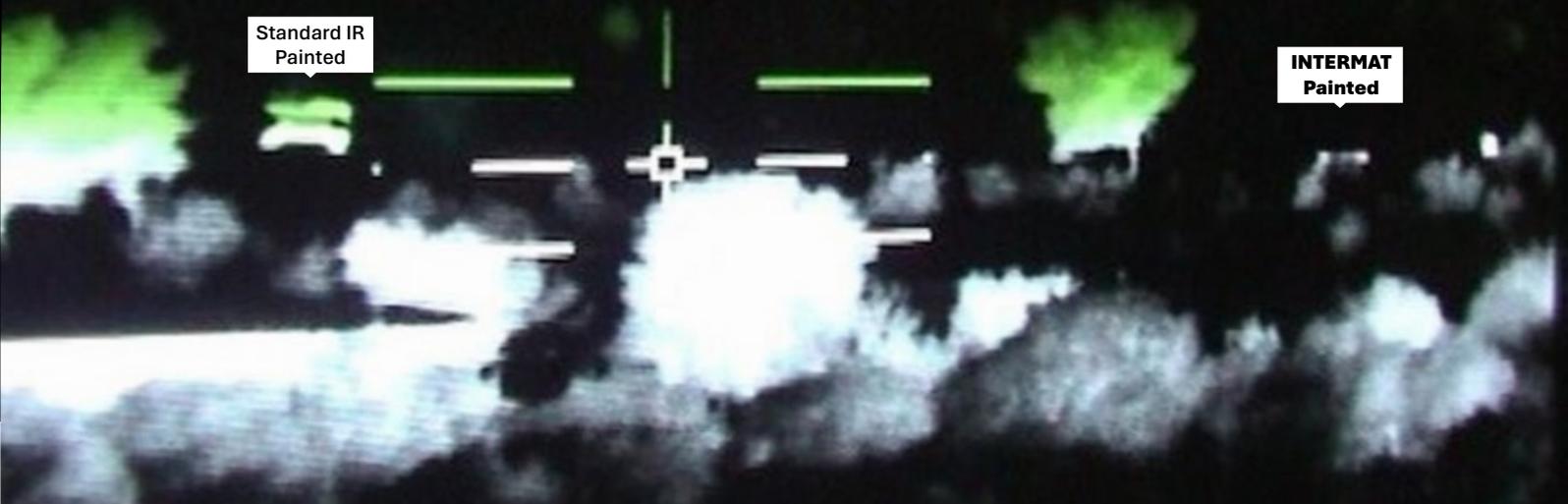
Actual Targeting Image
Black Hot (BHOT), Narrow Field of View(NFOV)



Actual Targeting Image
Black Hot (BHOT), Narrow Field of View(NFOV)

Main Battle Tank- Actual Targeting Image

White Hot (WHOT), Narrow Field of View(NFOV)



Life-Saving “Smart” Coating

INTERMAT Stealth Capability Coating System is applied on military vehicles of all types, military installations and strategic infrastructure, such as hangars/shelters, air-fields, bunkers, oil and gas installations, missile and radar sites, communications and command & control and more.

Our coating covers combat vehicles’ IR signature. You can think of it as the heat signature. Obviously, if a vehicle has a less detectable heat signature it would be less visible to a sensor that homes in on heat. The kind of sensors that might be on an enemy drone or a heat-seeking missile (anti-tank, etc.).

We’re defending the people who are inside the Humvees or inside Combat Vehicles or inside the buildings.
We’re defending their lives.

If they can’t be seen, and they can’t be sought out by missiles, they can’t be hurt.

The greatest commodity in combat is time! While modern threats require modern countermeasures, **the greatest measure of survivability is still to remain unseen.**

“ You never know when you’re being tracked by an eye in the sky that’s just waiting for the signal to strike. And you have to drop your signature. If you’re seen, either because you radiate, or because you’re physically seen, you’re targeted almost immediately.”

Gen. Eric Smith, Assistant Commandant of the US Marine Corps
referred to the psychological element of fear and uncertainty



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