

TECHNICAL PARAMETER / FEATURE	WHITE COREX	GREEN COREX	RED COREX	BORDO / ACOUSTIC	BOARDEX® EXTERIOR
	STANDARD TYPE A	MOISTURE RESISTANT H2	FIRE RATED TYPE F	HIGH DENSITY DFH2IR	EXTERIOR GM-F-H1-I
EN Standard & Classification	EN 520 Type A	EN 520 Type H2	EN 520 Type F	EN 520 Type DFH2IR	EN 15283-1 Type GM-F-H1-I
Facing Material	Special Grey Paperboard	Water-Repellent Green Paper	Fire Retardant Pink Paper	Heavy Duty Bordo Paper	Non-Woven Fiberglass Mat
Gypsum Core Additives	Air-entraining agents	Hydrophobic silicone oil	Glass fibers & vermiculite	Micro glass fibers + silicone	Water-repellent + anti-mold biocides
Available Thicknesses (mm)	9.5 / 12.5 / 15.0	12.5 / 15.0	12.5 / 15.0	12.5 / 15.0	12.5 / 15.0
Surface Weight (12.5mm)	~8.0 - 8.5 kg/m²	~8.5 - 9.0 kg/m²	~10.0 - 10.5 kg/m²	~12.5 - 13.0 kg/m²	~11.0 kg/m²
Total Water Absorption	Not specified (Dry only)	≤ 10% (Type H2)	Not specified	≤ 10% (Type H2)	≤ 3% (Type H1 Super Water-Repellent)
Reaction to Fire Euroclass	A2-s1, d0	A2-s1, d0	A2-s1, d0 (EI 120)	A2-s1, d0 (EI 120)	A1 Non-Combustible / A2-s1, d0
Acoustic Sound Insulation (Rw)	Standard (~45 dB system)	Standard (~45 dB system)	Enhanced (~48 dB system)	Maximum (+6-8 dB gain)	High Exterior Noise Dampening
Recommended Application Areas	Bedrooms, living rooms, dry offices and standard ceilings	Bathrooms, kitchens, laundry rooms and humid areas	Fire exit corridors, shaft walls and boiler rooms	Hotel party walls, hospitals, cinemas and schools	Exterior facades, soffits, eaves and open parking ceilings
40ft HC Container Payload	~2,700 - 3,000 m²	~2,600 - 2,800 m²	~2,200 - 2,400 m²	~1,800 - 2,000 m²	~2,160 - 2,280 m²
Euro Mega Truckload (FTL)	~2,800 - 3,000 m²	~2,700 - 2,800 m²	~2,300 - 2,400 m²	~1,850 - 1,950 m²	~2,200 - 2,300 m²



EXPORT & CONSOLIDATION SPECIFICATIONS

- **Mixed Load FCL:** Gypsum boards, galvanized CW/UW studs, screws and joint compound can be consolidated in a single 40ft HC.
- **Palletizing & Protection:** ISPM-15 heat-treated export pallets, edge-protectors, and UV-resistant stretch hood wrap.
- **Exit Seaports:** Port of Mersin, Port of Istanbul (Ambarlı), Port of Izmir (Alsancak / Aliaga).



MANUFACTURER & EXPORT DEPARTMENT

CFY Engineering Arch. Cons. Building Materials Industry & Trade Co. Ltd.
Office: Cevizli Mah. Orhan Gazi Cad. 24/B Maltepe / Istanbul, TURKEY
Plant: Gebze / Kocaeli, TURKEY | Mersin Export Logistics Hub
Export Sales: Phone: +90 (216) 614 04 34 | WhatsApp: +90 (505) 507 04 18 | Email: info@serprofil.com