FINDING SOLUTIONS, NOT JUST IMAGINING

Factory-engineered prefabricated residential villas, commercial offices, EPC workforce camps, schools, and field hospitals exported globally through the DEKSACH S.A. Swiss international trade desk.



APPLICABLE ENGINEERING, COMPLIANCE & QUALITY STANDARDS

EN 1090-1/2, Eurocode 3 (EN 1993), ISO 9001:2015, EN 13501-1 Fire-Rated Sandwich & Fibercement Panels

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Established 2004

DIVISION PROFILE & SUPPLY ARCHITECTURE

Prefabricated Houses, Camps & Modular Structures

Coordinated via DEKSACH S.A., this catalog covers single- and multi-story panelized prefabricated buildings engineered for rapid bolt-connected assembly, high thermal/acoustic insulation, and containerized sea or road freight to Europe, Africa, and emerging infrastructure corridors.

Key Export & Engineering Highlights

- Weld-free galvanized steel structural chassis with rapid bolt-together on-site erection
- High-density EPS, Rockwool, PIR, and fibercement wall and roof insulation systems
- High-volume 40ft HC containerized export packing with full pre-shipment inspection
- Structured proforma, LC/escrow documentation, and logistics execution by DEKSACH S.A.

Commercial & Logistics Execution

Contracting Desk:
DEKSACH S.A. (Genève, Switzerland)

Incoterms 2020:
EXW, FOB, CFR, CIF, DAP & Turnkey Project Delivery

Quality Assurance:
Independent SGS / Bureau Veritas / Intertek pre-shipment inspection

Settlement Structures:
Corporate Proforma, Irrevocable Documentary L/C, SBLC, or Escrow

VISUAL REFERENCE PORTFOLIO








PRODUCT LINES COVERED IN THIS CATALOG (6 EXPORT GROUPS)

01. Prefabricated Residential Houses & Duplex Villas
02. Prefabricated Site Offices, Headquarters & Commercial Sho...
03. Prefabricated Worker Dormitories, Dining Halls & EPC Workf...
04. Prefabricated Schools, Classrooms & Educational Campus B...
05. Prefabricated Hospitals, Polyclinics & Modular Medical Com...
06. Prefabricated Resort Hotels, Agricultural Halls & Modular W...



CAT-01 • RESIDENTIAL PREFAB

Prefabricated Residential Houses & Duplex Villas

Single-story and two-story prefabricated houses and duplex villas engineered with insulated fibercement and sandwich panel wall systems for rapid containerized export via the DEKSACH S.A. Swiss export desk.

> **Export & Project Scope:** Social housing developments, suburban residential estates, holiday home villages, post-disaster reconstruction programs, and private turnkey family villas.

TECHNICAL SPECIFICATIONS

Structural System	Weld-free galvanized cold-formed steel profiles with bolted joints (EN 1090 / Eurocode 3)
Wall Panel Assembly	60–100 mm A1 fire-rated fibercement / EPS or rockwool insulated press panels
Story Configurations	Single-story bungalows (40–180 m^2) and two-story duplex villas (90–280 m^2)
Climatic Engineering	Up to 130 km/h wind resistance, Zone 1 seismic rating, and 80 kg/m^2 snow load
Export Containerization	Approx. 250–320 m^2 of complete house structure packed per 40ft High Cube container

KEY SUPPLY ADVANTAGES

- Rapid clean bolt-together site assembly without welding or heavy crane requirements
- Pre-routed concealed CE electrical conduits, sanitary piping, PVC windows, and steel doors
- Customizable wood-grain fibercement facades, verandas, and pitched galvanized tile roofs

Web Spec Sheet: https://deksach.com/product/prefabricated-residential-houses-villas/



CAT-01 • COMMERCIAL PREFAB

Prefabricated Site Offices, Headquarters & Commercial Showrooms

Modular prefabricated engineering site offices, corporate management headquarters, and glass curtain-wall commercial showrooms delivered worldwide through DEKSACH S.A.

> **Export & Project Scope:** EPC project management offices, sales pavilions, municipal service centers, industrial plant administration blocks, and commercial retail showrooms.

TECHNICAL SPECIFICATIONS

Building Layout	1 to 3 stories with open-span executive suites, boardrooms, and technical offices
Facade Options	Aluminum composite cladding, Tempered double-glazed curtain walls, and fibercement
Acoustic & Thermal	High-density rockwool wall/ceiling insulation (U-value down to 0.36 W/m^2K)
Floor Live Load	2.50 – 3.50 kN/m^2 reinforced steel mezzanine chassis with cement-fiber decking
MEP Readiness	Integrated IT data trunking, HVAC split/VRF provisions, fire alarm, and CE switchgear

KEY SUPPLY ADVANTAGES

- Prestige corporate aesthetics with floor-to-ceiling glazing and composite facade cladding
- Relocatable demountable engineering allowing re-deployment across sequential EPC projects
- Acoustic partition walls engineered for executive boardrooms and engineering control centers

Web Spec Sheet: https://deksach.com/product/prefabricated-office-commercial-buildings/



CAT-01 • WORKFORCE CAMPS

Prefabricated Worker Dormitories, Dining Halls & EPC Workforce Camps

Multi-story prefabricated worker dormitories, industrial catering dining halls, recreation blocks, and turnkey mining, oilfield, and infrastructure camps supplied by DEKSACH S.A.

> **Export & Project Scope:** Mining concessions, oil & gas pipeline corridors, hydroelectric dam projects, highway/rail EPC sites, and industrial free-zone accommodation.

TECHNICAL SPECIFICATIONS

Camp Capacity	Scalable modular masterplans from 50-person units to 5,000+ workforce townships
Fire Safety Rating	EN 13501-1 A1/A2 non-combustible rockwool sandwich & fibercement wall assemblies
Climate Adaptation	Desert (+55°C), tropical high-humidity, and sub-zero (-30°C) thermal packages
Auxiliary Facilities	Commercial kitchens, dining halls, laundries, clinics, prayer rooms, and locker blocks
Standards Compliance	IFC / EBRD Workers' Accommodation Standards & ILO occupational hygiene guidelines

KEY SUPPLY ADVANTAGES

- Complete camp ecosystem including dormitories, industrial mess halls, clinics, and utilities
- Compliance with international IFC/EBRD lender standards for project-financed EPC sites
- Heavy-duty washable interior finishes, bunk-bed furniture options, and high-capacity HVAC

Web Spec Sheet: https://deksach.com/product/prefabricated-worker-dormitories-camps/



CAT-01 • EDUCATIONAL FACILITIES

Prefabricated Schools, Classrooms & Educational Campus Buildings

Modular prefabricated primary/secondary school buildings, STEM laboratories, vocational training centers, and academic lecture halls engineered for ministries and NGOs via DEKSACH S.A.

> **Export & Project Scope:** Ministry of Education school expansion programs, multilateral donor/NGO educational tenders, vocational institutes, nurseries, and university annex halls.

TECHNICAL SPECIFICATIONS

Classroom Clear Span	Column-free 30 m^2 to 90 m^2 classrooms, science labs, and lecture auditoriums
Ceiling Height	3.00 m – 3.50 m elevated ceiling height for natural daylight and air volume
Acoustic Insulation	42–48 dB sound-attenuating rockwool inter-classroom partition walls
Safety & Egress	Anti-panic outward-opening fire doors, wide corridors, and ADA/PRM access ramps
Structural Design	Eurocode 3 & Eurocode 8 high-importance-factor public building seismic safety

KEY SUPPLY ADVANTAGES

- Rapid school commissioning within weeks to meet urgent academic calendar deadlines
- Superior classroom acoustics, natural cross-ventilation, and glare-free LED lighting
- Non-toxic, fire-resistant A1 fibercement and rockwool materials safe for K-12 students

Web Spec Sheet: https://deksach.com/product/prefabricated-schools-educational-buildings/



CAT-01 • HEALTHCARE STRUCTURES

Prefabricated Hospitals, Polyclinics & Modular Medical Complexes

Hygienic prefabricated hospitals, outpatient polyclinics, diagnostic laboratories, triage centers, and remote medical complexes exported globally through DEKSACH S.A.

Export & Project Scope: Rural district hospitals, maternal & child health clinics, infectious disease isolation wards, industrial site clinics, and emergency humanitarian field hospitals.

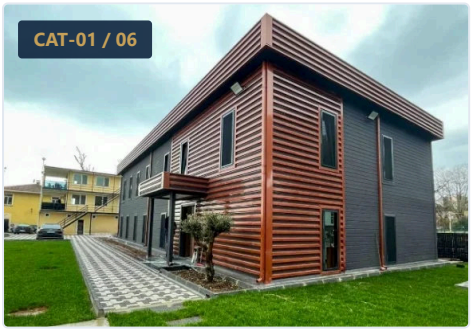
TECHNICAL SPECIFICATIONS

Interior Surfaces	Antibacterial PVC homogeneous flooring with coved skirting & washable HPL/compact walls
HVAC & Air Filtration	HEPA H13/H14 laminar airflow and positive/negative pressure ward readiness
Clinical Zoning	Outpatient wards, ICU bays, radiology shielding options, pharmacy, and lab suites
Corridor & Doorways	2.20 m+ stretcher corridors with double-leaf hermetically sealed hospital doors
Power Redundancy	Dual-feed medical electrical distribution ready for UPS and standby diesel gensets

KEY SUPPLY ADVANTAGES

- Seamless antibacterial, chemical-resistant surfaces compliant with clinical infection control
- Modular scalability from 150 m^2 primary health posts to 5,000+ m^2 general hospitals
- Optional integration with DEKSACH medical equipment, ICU beds, and diagnostic supply packages

Web Spec Sheet: https://deksach.com/product/prefabricated-hospitals-clinics/



CAT-01 • HOSPITALITY & UTILITY

Prefabricated Resort Hotels, Agricultural Halls & Modular WC/Shower Units

Boutique prefabricated eco-resort bungalows, wide-span agricultural and livestock halls, and heavy-duty modular WC/shower ablution cabins supplied by DEKSACH S.A.

Export & Project Scope: Eco-tourism lodges, coastal/safari hospitality resorts, poultry & dairy livestock barns, cold-storage shells, and public/camp sanitary blocks.

TECHNICAL SPECIFICATIONS

Hospitality Modules	1–2 story boutique hotel suites & bungalows with high acoustic privacy
Agricultural Spans	Galvanized steel truss halls for poultry, dairy, mushroom, and crop storage
Sanitary Cabin Configurations	Single to 12-stall WC, shower, urinal, and disabled-access (PRM) units
Wet-Area Durability	Waterproof cement-board subfloors, ceramic/epoxy finishes, and corrosion-proof frames
Off-Grid Compatibility	Solar rooftop readiness, clean/grey water manifold connections, and septic outlets

KEY SUPPLY ADVANTAGES

- Fast ROI boutique resort and eco-lodge bungalows suitable for environmentally sensitive sites
- Biosecure, ventilated galvanized agricultural buildings resistant to ammonia and humidity
- Factory-plumbed modular WC and shower blocks ready for immediate site water/sewer hookup

Web Spec Sheet: https://deksach.com/product/prefabricated-hotels-agricultural-wc-units/

STRUCTURED B2B PROCUREMENT

Submit your Bill of Quantities (BOQ), architectural drawings, target destination port, and preferred Incoterms directly to our corporate trade desk for a formal proforma quotation.

STEP 01

Share product codes, quantities, architectural plans, or commodity grade specifications with destination port details.

STEP 02

Receive a detailed commercial offer including technical datasheets, container loading plan, production lead time, and CIF/FOB pricing.

STEP 03

Execute standardized international sales contracts through DEKSACH S.A. with structured bank payment instruments.

STEP 04

Third-party pre-shipment verification, export customs clearance, EUR.1 / Certificate of Origin, and containerized sea/air dispatch.

OFFICIAL CORPORATE HEADQUARTERS & DIRECT TRADE DESK COORDINATES

LEGAL CONTRACTING ENTITY
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24/7 B2B QUOTATION PORTAL
https://deksach.com/rfq/

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