



## PVC Profiles

Superior Thermal Insulation & Low-Maintenance Weather Shielding

## Key Features

**Multi-Chamber Technology:** Engineered with internal air chambers to provide exceptional thermal and acoustic insulation, reducing energy costs.

**UV & Corrosion Resistant:** Formulated to withstand intense tropical sun and salty coastal air (perfect for Kilifi) without yellowing, cracking, or peeling.

**Steel Reinforcement Compatible:** Profiles feature internal cavities designed for galvanized steel inserts to ensure maximum structural stability.

**Double Sealing System:** Integrated EPDM gaskets provide a high-performance seal against wind, driving rain, and dust infiltration.

**Eco-Friendly & Recyclable:** Lead-free composition that is 100% recyclable, promoting sustainable building practices.

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Website: [web-housing.com](http://web-housing.com)

## Technical Specifications

Parameter	Details
Profile Depth	60mm, 70mm, 80mm (Standard Series)
Chamber Count	3-Chamber to 6-Chamber options
Wall Thickness	2.0mm to 2.8mm (Class A & B)
Color Options	Classic White, Anthracite Grey, and Wood-grain Laminates
Gasket Material	Integrated TPE or EPDM weather seals
Thermal U-Value	1.0 - 1.6 W/m²K (depending on glazing)
Sound Insulation	Up to 45 dB (with appropriate acoustic glass)

## Benefits

**Energy Efficiency:** Significantly reduces heat transfer, keeping interiors cool in hot climates and lowering air conditioning bills.

**Low Maintenance:** Never needs painting or sanding; simply cleans with soap and water to maintain a brand-new appearance.

**Enhanced Security:** Multi-point locking systems can be easily integrated into the profile for superior burglary protection.

**Fire Retardant:** PVC is naturally self-extinguishing and does not support combustion, enhancing building safety.

Factory Address: Kilifi, Kenya  
Tel: +254 72 495 1377

## Applications

**Residential Windows & Doors:** Casement, sliding, and tilt-and-turn systems for homes and apartments.

**Commercial Shopfronts:** Durable and aesthetic framing for retail and office entrances.

**Balcony Enclosures:** Weatherproof glazing solutions for high-rise buildings.

**Office Partitions:** Sleek, sound-dampening internal frames for modern workspaces.

## Why Choose WEB Housing PVC?

**Tropical Formulation:** Our profiles are specifically stabilized for high UV environments to ensure a service life of 30+ years in Kenya.

**Precision Extrusion:** Manufactured to international standards ensuring seamless welding and perfect corner joints.

**Complete System:** We provide a full range of auxiliary profiles, including beads, mullions, and couplings for any architectural design.

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