

MedFloorTM
HOMOGENEOUS VINYL FLOORING

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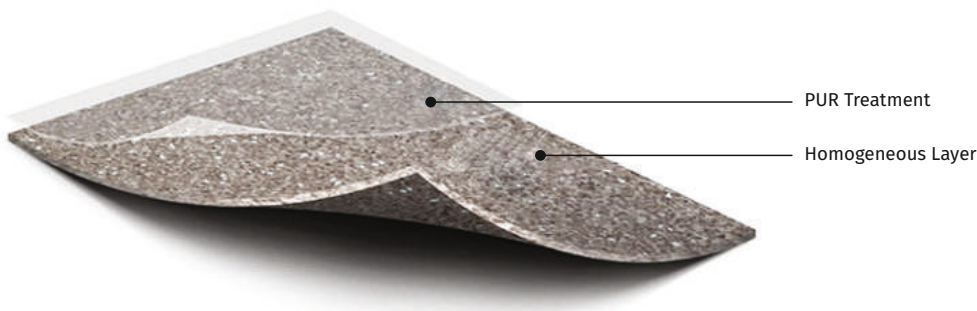












Where
Hygiene Meets
Durability

Homogeneous Flooring (PUR)

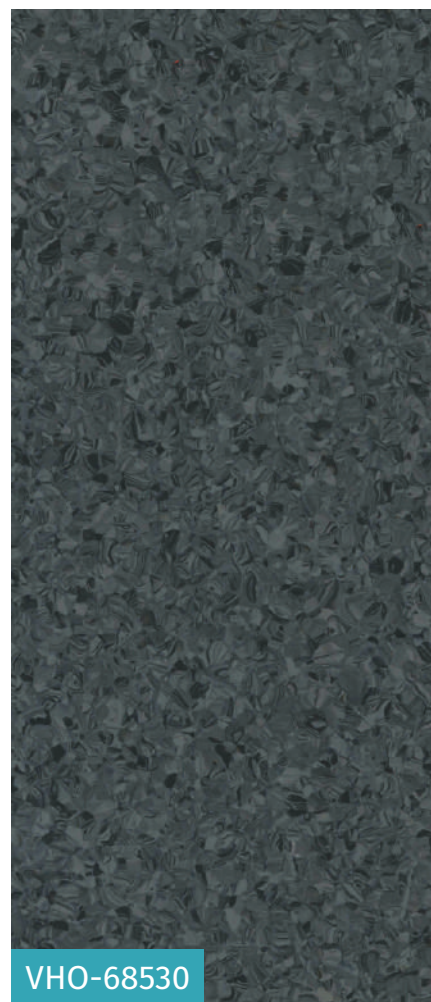
Homogeneous flooring is a type of resilient flooring made from a single, uniform layer of material, typically vinyl, with consistent composition and color throughout its thickness. This structure makes it highly durable, wear-resistant, and easy to maintain, even in high-traffic areas. Because the design runs through the entire material, scratches and wear are less visible over time. Homogeneous flooring is hygienic, stain-resistant, and available in a wide range of colors and patterns, making it ideal for hospitals, schools, laboratories, commercial buildings, and airports. Homogeneous flooring under **Class 34 (EN 685 / ISO 10874)**.



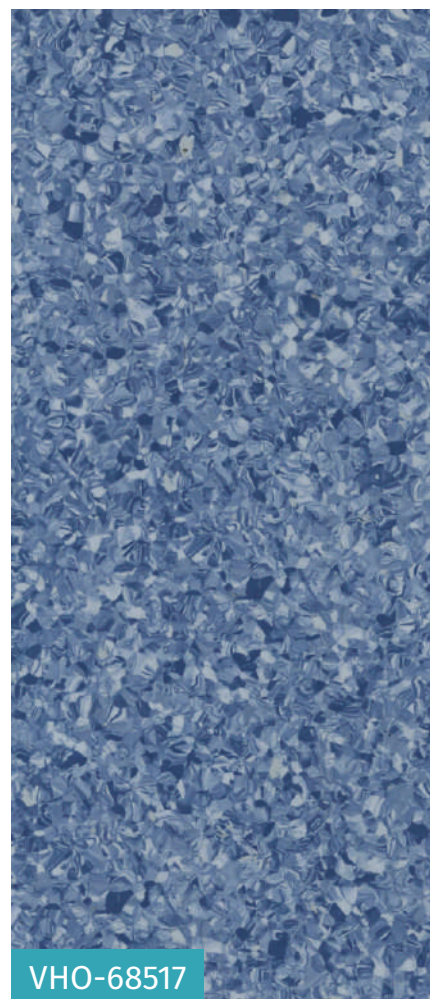
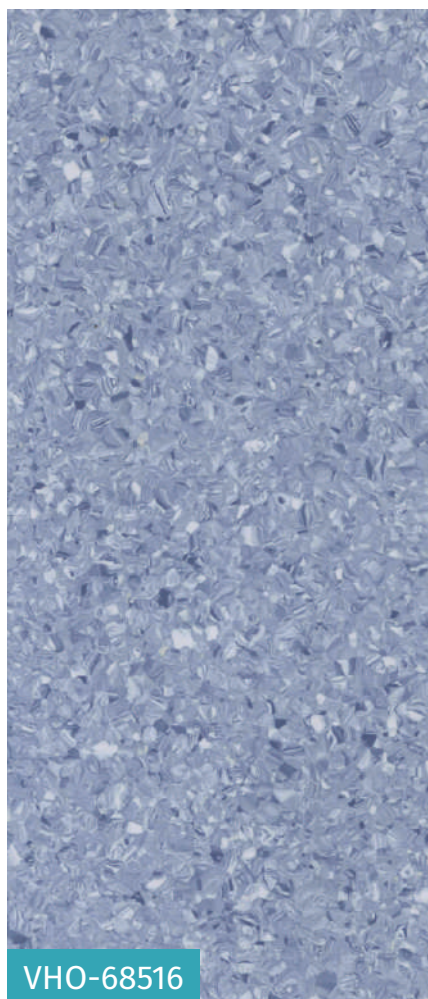
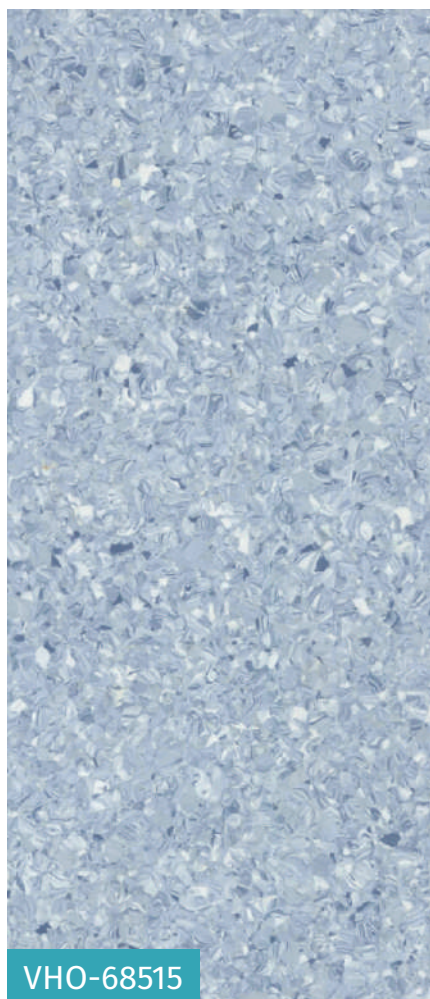
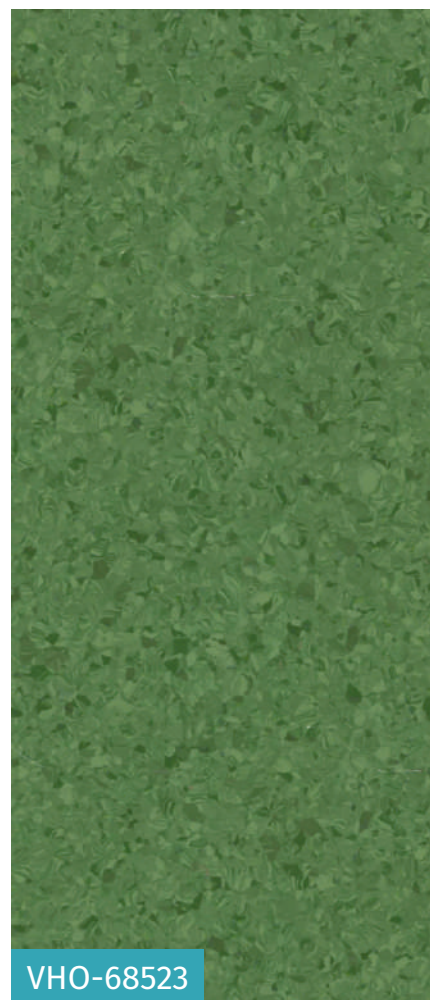
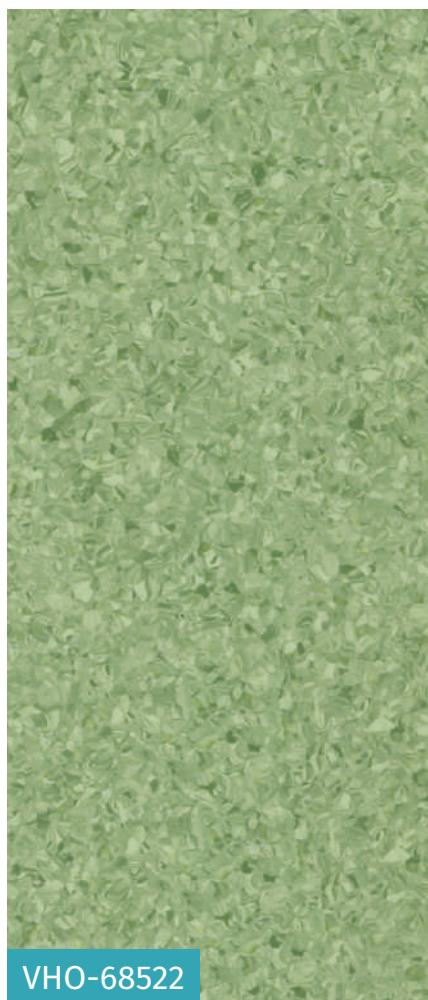
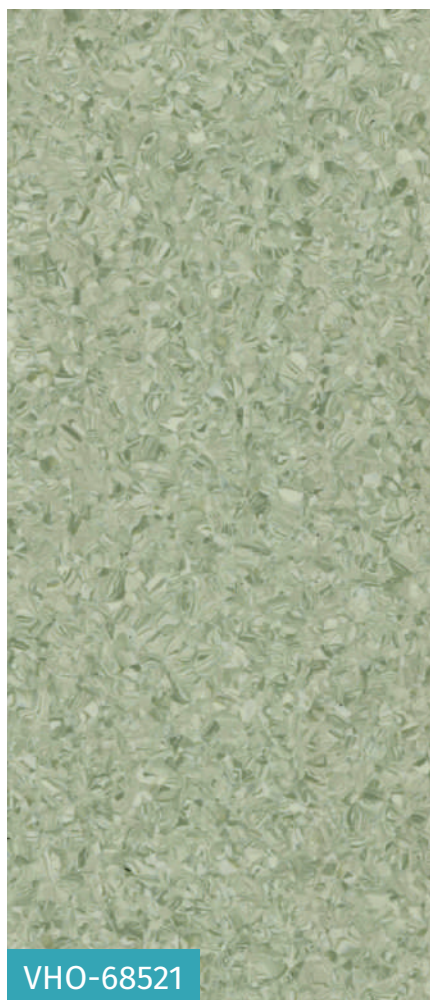
— Advantages

-  Exceptional Durability & Long Lifespan
-  Excellent Chemical & Stain Resistance
-  Easy to Clean & Maintain
-  Hygienic & Suitable for Compliance
-  Slip Resistance & Safety
-  Water & Moisture Resistance
-  Noise Reduction & Comfort
-  Fire Resistance

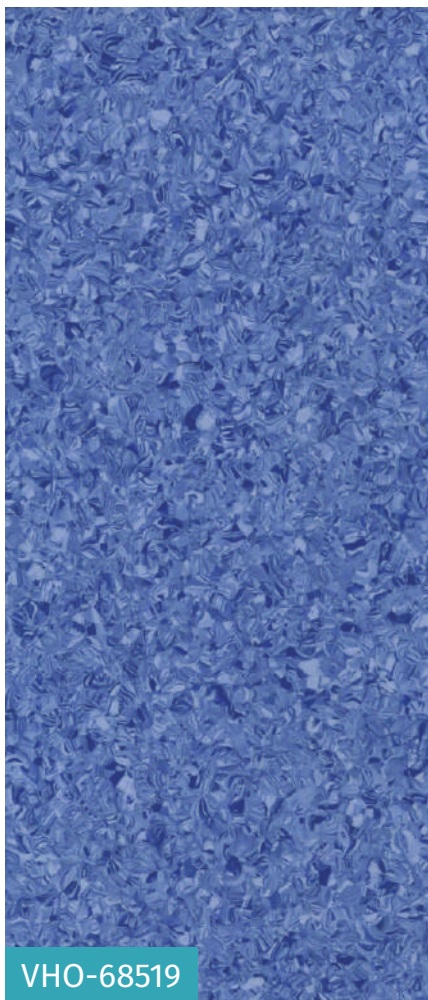






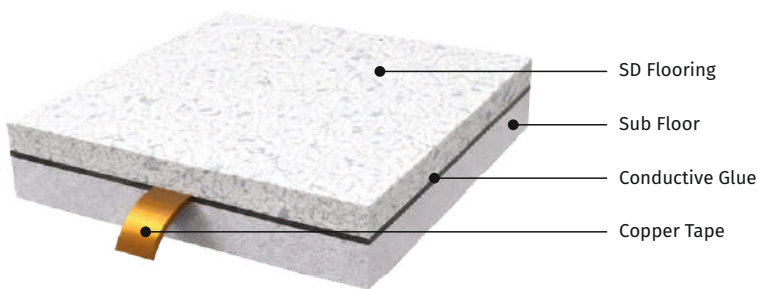
















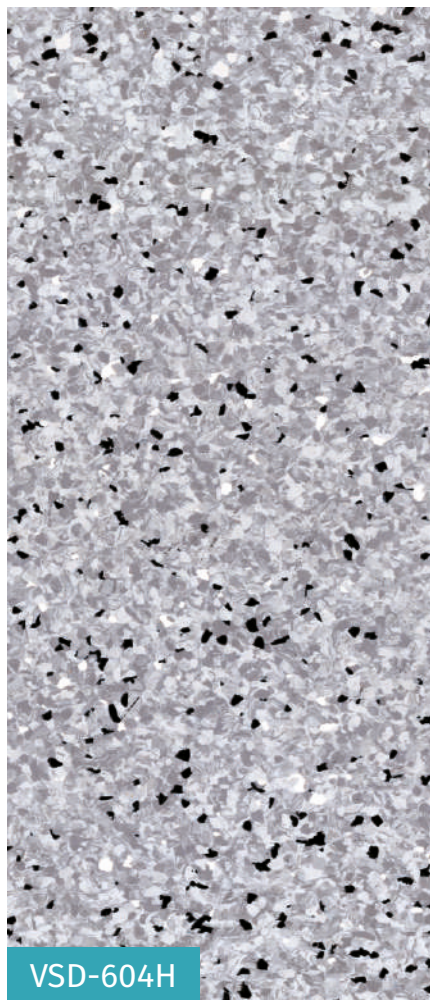
Static Dissipative Flooring

Static dissipative flooring is specially designed to control and safely discharge static electricity, protecting sensitive equipment and improving workplace safety. It provides controlled electrical resistance that allows static charges to dissipate gradually, preventing sudden electrostatic discharge. This type of flooring is durable, easy to maintain, and suitable for high-traffic areas. Static dissipative flooring is widely used in electronics manufacturing units, data centers, laboratories, clean rooms, and healthcare facilities where protection from static electricity is critical. Static dissipative flooring classified under **Class 34 (EN 685 / ISO 10874)**.

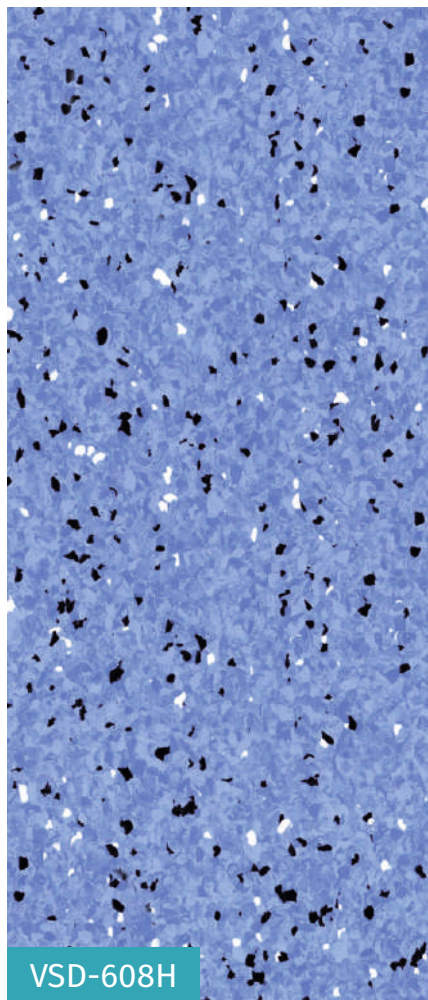


— Advantages

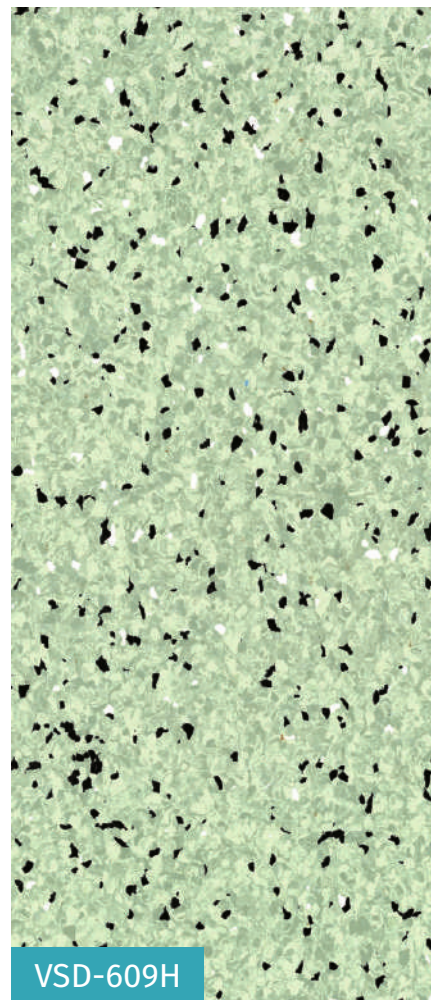
-  Prevents Electrostatic Discharge (ESD)
-  Improves Workplace Safety
-  Protects Sensitive Equipment
-  Consistent Electrical Performance
-  Durable and Long-Lasting
-  Low Maintenance
-  Compliance with Standards
-  Improved Product Quality
-  Comfort and Aesthetics
-  Versatile Applications



VSD-604H



VSD-608H



VSD-609H



Technical Data Sheet

Description	Standard	Unit	Homogeneous (PUR)	Static Disipative
Total Thickness	EN428	mm	2	2
Width : Length Of Sheet	EN 426	m	2/20	2/20
Weight	ISO 23997-EN 430	g/m ²	3050	3050
Fire Rating	EN13501-1	-	Bfl-S1	Bfl-S1
Starting Voltage		-	-	IVI ≤100V
Decay Period Of Static Voltage	-	-	-	≤2s
Amount Of Wear	-	-	-	≤0.02g/cm ²
Combustion Property	-	-	-	B ₁ , S ₁ , t ₁ level
Electrical Resistance	EN1815	kv	<2	1.0×10 ⁶ –1.0×10 ⁹ Ω
Slip Resistance Dry	EN 13893	-	≥0.3	R9 / ≥0.3
Slip Resistance Wet	DIN 51130	-	R10	R10
Abrasion Group	EN660-2	Group	T	T
Castor Chair Indentation	EN ISO 24343.1	-	Suitable	No delamination, no cracks
Residual Indentation	EN 425	mm	≤0.1	≤0.15mm
Smoke Toxicity	-	-	-	ZA level
Toxic Testing	-	-	-	Suitable
Colour Fastness	EN ISO 105-B02	Stage	≥6	≥6
Thermal Conductivity	EN 12667	w/m.k	0.078	-
Dimensional Stability	ISO 23999-EN434	%	≤0.40	≤0.40
Curling	EN434	mm	≤8	≤8
Rate Of Size Change At Heating		-	-	≤0.25
Chemical Product Resistance	EN 423	-	Not affected	Not affected
Formaldehyde Emission	EN 717-1	-	Not detected	Not detected
Resistance To Staining		-	-	Index: 0, Not Affected
Anti-bacterial	ISO 22196	-	Anti bacterial rate 1	-
Sound-absorbing	EN ISO 717/2	-	+4dB	approx 6dB
Warranty	-	-	10 years	10 years

Installation

HOMOGENEOUS FLOORING (PUR)

Site Preparation

- Store flooring flat; acclimatize 24–48 hrs
- Maintain 18–27°C ambient temperature

Subfloor Preparation

- Smooth, dry, clean, and level
- Moisture \leq 75% RH
- Fill cracks & level uneven areas

Layout

- Mark centerlines, plan seam positions
- Dry-lay sheets/tiles to check alignment

Adhesive Application

- Apply recommended adhesive evenly with notched trowel
- Allow open time as per manufacturer

Laying Flooring

- Lay sheets/tiles into adhesive without trapping air
- Press firmly and roll with 50–75 kg roller

Joint Welding

- Groove joints after adhesive cures
- Heat-weld seams and trim

Skirting & Coving (Optional)

- Form cove at wall junctions
- Weld corners and install capping strip if required

Post-Installation Care

- Restrict traffic 24–48 hrs
- Avoid washing floor for 72 hrs
- Clean with neutral detergent; PU polish optional

STATIC DISSIPATIVE

- **Pre-Installation:** Acclimatize flooring 24–48 hrs; maintain 18–27°C ambient temperature.
- **Subfloor:** Smooth, dry, level, and clean; moisture \leq 75% RH; repair cracks.
- **Layout:** Mark centerlines and seam positions; dry-lay sheets/tiles.
- **Adhesive:** Apply conductive adhesive evenly; allow open time.
- **Laying Flooring:** Place sheets/tiles without air pockets; roll with 50–75 kg roller.
- **Seams & Welding:** Groove joints after curing; heat-weld with conductive rod.
- **Earthing:** Connect flooring to grounding system; ensure resistance 10^6 – 10^9 Ω .
- **Post-Installation:** Restrict traffic 24–48 hrs; clean with ESD-safe detergent; check grounding continuity.

Care & Maintenance

HOMOGENEOUS FLOORING (PUR)

Daily Cleaning:

- Sweep or vacuum to remove dust and debris.
- Mop with neutral pH detergent and warm water.

Spill & Stain Management:

- Wipe spills immediately.
- Use manufacturer-recommended cleaners for stubborn stains.

Periodic Maintenance:

- Damp mop weekly.
- Apply PU/PUR polish if recommended.
- Inspect seams for wear or damage.

Preventive Measures:

- Use floor mats at entrances.
- Avoid dragging heavy objects; use furniture pads.
- Maintain indoor temperature 18–27°C.

Long-Term Care:

- Repair minor damages promptly.
- Regular inspection to ensure longevity (20–30 years typical).

Safety:

- Ensure floor is dry after cleaning.
- Follow manufacturer's instructions for all cleaning chemicals.

STATIC DISSIPATIVE

Daily Cleaning:

- Sweep or vacuum dust and debris.
- Mop with neutral, ESD-safe detergent and warm water.

Spill & Stain Management:

- Wipe spills immediately to prevent damage.
- Avoid harsh chemicals (strong acids, alkalis, or solvents).

Periodic Maintenance:

- Damp mop regularly (weekly or as per traffic).
- Inspect seams and conductive paths for damage.

Preventive Measures:

- Use entrance mats to reduce dirt and static buildup.
- Avoid dragging heavy objects; use protective pads.
- Maintain grounding system and check electrical resistance (10^6 – 10^9 Ω).

Long-Term Care:

- Repair minor damages promptly.
- Ensure flooring remains properly grounded at all times.

Safety:

- Ensure floor is dry after cleaning to prevent slips.
- Use only ESD-safe cleaning materials to maintain conductivity.





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and many more...

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