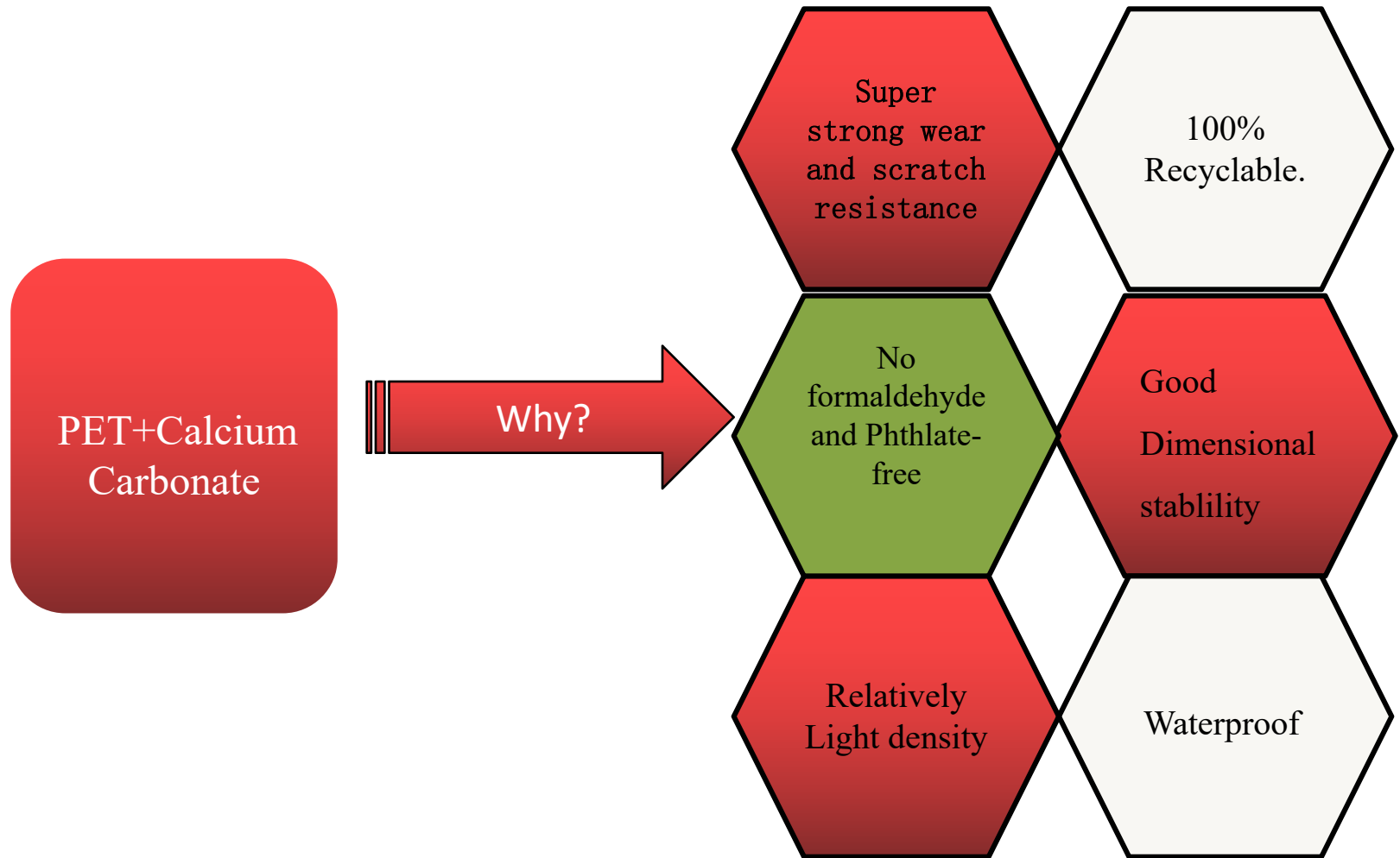




# PET flooring

# Non PVC-PET-Advantages



## Non PVC-PET-Investment

PET flooring research and development:



Started the cooperation with East China University of Science and Technology since 2016.

Plan to launch this new product-PET Flooring in 2020.

R&D expenses and equipment investment more than 2 million dollars.

PET dryback had already achieved mass production in 2024.

Investment details	Investment funds
R & D investment	US\$370,000
Crushing machine	US\$440,000
Granulation equipment	US\$510,000
Extrusion equipment	US\$740,000

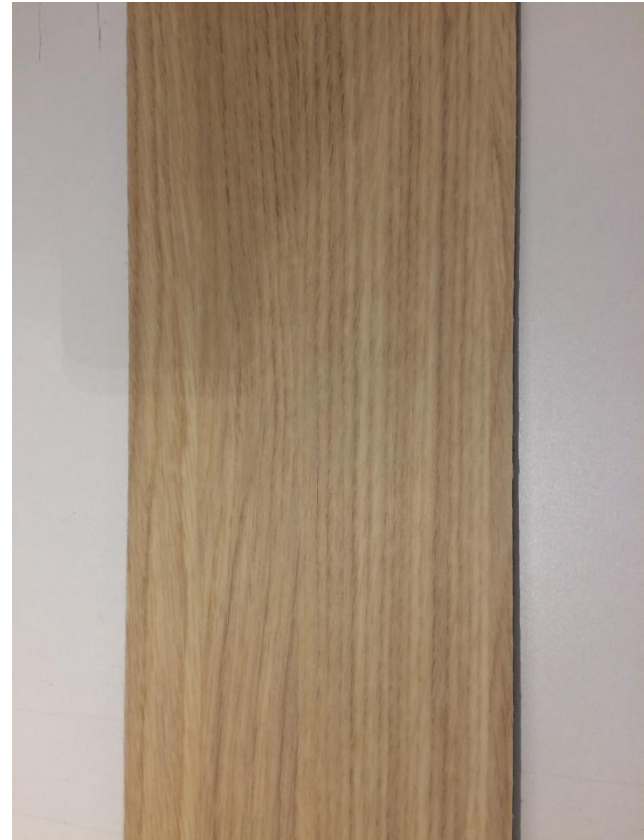
# Non PVC-PET-Specification

Specification { 180x1220x2.5mm Dry back  
180x1220x4.5mm Click

PET flooring with digital print

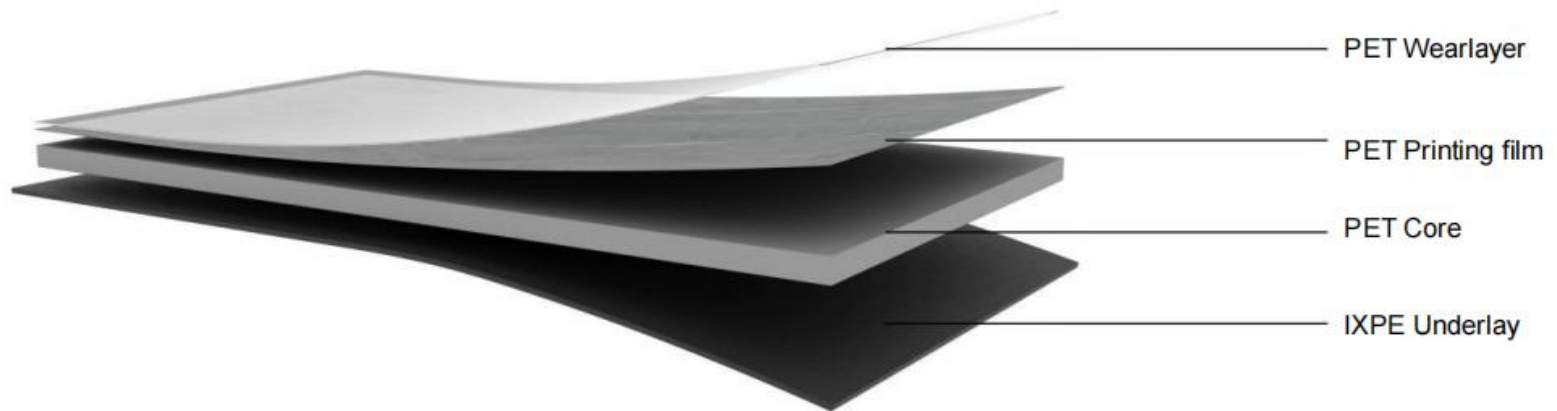


PET flooring with PETG Film



# Non PVC-PET

Schematic Layout of PET Flooring



# Non PVC-PET Technical data

Test item	Test method	Requirement	PET2.5/0.3	PET 4.5/0.3
Length	ISO24337:2006	±0.3mm	-0.1mm	+0.1mm
Width		±0.12mm	+0.06mm	+0.02mm
Thickness		±0.1mm	+0.07mm	+0.04mm
Density	ISO 23996	/	1.68g/cm3	1.98g/cm3
Dimensional stability	ENISO23999:2018	≤0.1%	0.07%	0.07%
Curling		-1.0-1.0mm	0.2mm	0.3mm
Wear resistance	EN13329:2006	AC3;2000r	AC4 4200r	AC4 4200r
		AC4:4000r		
Residual indentation	ISO24343-1:2012	≤0.1mm	0.06	0.07
Anti-scratch	ISO1518	≥2300g	3000	3000
Locking strength	ISO24334:2014	4U≥12kgf/5cm	/	4U≥18kgf/5cm
		3L≥12kgf/5cm		3L≥16kgf/5cm
Peel Strength	ISO24345:2014	≥7kgf/5cm	15kgf/5cm	15kgf/5cm
Formaldehyde	EN717-1:2004	E1	E1	E1