

MERRY PRODUCTS PORTABLE FLOOR SYSTEMS

Merry Pro

1、 The introduction of **Portable sport flooring** product

1) Product System: Merry Pro (thickness: 87 mm,)

2) Materials Introduction:

Structure	Introduction	Thickness	FIBA LEVEL
Panel	Colorful Designed multilayer Maple Panel	18mm	FIBA LEVEL 1
Plywood	Larch Plywood	18mm	
LVL Beam	LVL Double Larch Beam	33mm	
Elastic Rubber Pad	Special Designed Rubber Pad	18mm	

Merry Pro Performance Indication

Performance Property	FIBA LEVEL 1 Mobile Flooring Standard	Merry Sports Flooring Systems Testing Result
Force reduction	$\geq 50\% - \leq 75\%$	$\geq 50\% - \leq 75\%$
Vertical deformation	$\geq 1.5\text{mm} - \leq 5.0\text{mm}$	1.5mm-2.5mm
Ball rebound	$\geq 93\%$	$\geq 93\%$
Slip resistance	$\geq 80 - \leq 110$	$\geq 80 - \leq 110$
Resistance to wear	$\leq 80\text{mg}$	$\leq 60\text{mg}$
Specular gloss	$\leq 45\%$	$\geq 15\% - \leq 80\%$
Rolling load	Permanent indentation of $\leq 0.5\text{mm}$	Permanent indentation of $\leq 0.5\text{mm}$

MERRY PRODUCTS PORTABLE FLOOR SYSTEMS

Merry Lock

1、 The introduction of **Portable sport flooring** product

1) Product System: MerryLock (thickness: 85 mm,)

2) Materials Introduction:

Structure	Introduction	Thickness	FIBA LEVEL
Panel	Solid Maple Panel	22mm	FIBA LEVEL 1
Plywood	Larch Plywood	12mm	
LVL Beam	LVL Double Larch Beam	33mm	
Elastic Rubber Pad	Special Designed Rubber Pad	18mm	

Merry Lock Performance Indication

Performance Property	FIBA LEVEL 1 Mobile Flooring Standard	Merry Sports Flooring Systems Testing Result
Force reduction	$\geq 50\% - \leq 75\%$	$\geq 50\% - \leq 75\%$
Vertical deformation	$\geq 1.5\text{mm} - \leq 5.0\text{mm}$	1.5mm-2.5mm
Ball rebound	$\geq 93\%$	$\geq 93\%$
Slip resistance	$\geq 80 - \leq 110$	$\geq 80 - \leq 110$
Resistance to wear	$\leq 80\text{mg}$	$\leq 80\text{mg}$
Specular gloss	$\leq 45\%$	$\geq 15\% - \leq 80\%$
Rolling load	Permanent indentation of $\leq 0.5\text{mm}$	Permanent indentation of $\leq 0.5\text{mm}$

MERRY PRODUCTS PERMANENT FLOOR SYSTEMS

Rekindle Time

1、 The introduction of **Permanent sport flooring** product

1) Product System: Rekindle Time (thickness: 80 mm,)

2) Materials Introduction:

Structure	Introduction	Thickness	FIBA LEVEL
Panel	Solid Maple Panel	22mm	FIBA LEVEL 2
Plywood	Larch Plywood	12mm	
LVL Beam	LVL Larch Beam	24mm	
Wood Pad	Flat Adjusting Pad	12mm	
Elastic Rubber Pad	Special Designed Rubber Pad	10mm	

Rekindle Time Performance Indication

Performance Property	FIBA LEVEL 2 Permanent Flooring Standard	Merry Sports Flooring Systems Testing Result
Force reduction	≥40%-≤75%	≥45%-≤75%
Vertical deformation	≥1.5mm-≤5.0mm	1.5mm-2.7mm
Ball rebound	≥90%	≥93%
Slip resistance	≥80-≤110	≥80-≤110
Resistance to wear	≤100mg	≤80mg
Specular gloss	N/A	≥15%-≤80%
Rolling load	Permanent indentation of ≤0.5mm	Permanent indentation of ≤0.5mm