



WHAT IS PUR & DIN?

HORNER FLOORING

BECAUSE WE KNOW YOUR BIGGEST INVESTMENT IS YOUR ATHLETE.



The world leader in sports flooring since 1891

WHAT IS PUR & DIN?



Horner Flooring is the oldest and longest-standing member of the Maple Flooring Manufacturers Association (MFMA), with maple sports flooring roots dating back to 1891 – the same year the game of basketball was invented by Dr. James Naismith.

FIND US ELSEWHERE



www.hornerflooring.com



@HornerFloor



<http://www.facebook.com/HornerFlooring>

TABLE OF CONTENTS

- 3 What is PUR & DIN?
- 4 Performance & Uniformity Rating
- 6 *Deutsches Institut für Normung*
- 8 Questions

CHAPTER 1:

WHAT IS PUR & DIN?

PUR & DIN refers to the two major standards that flooring companies are held to when our floors go out. These standards are in place to quantify performance characteristics over the course of your basketball floor's lifetime.

While a floor can still function without PUR/DIN certification, Horner Flooring takes pride in following these standards to provide flooring that is economical, practical and environmentally responsible.



CHAPTER 2:

PERFORMANCE & UNIFORMITY RATING

The Performance & Uniformity Rating (**PUR**) is one of the standards mentioned in the previous slide. It is used by the Maple Flooring Member's Association to evaluate a floor's characteristics in shock absorption, vertical deflection, ball bounce and surface friction.

These qualities are graded differently according to the ideal performance levels for each sporting activity happening on the floor:

Performance					
Performance Requirements	Shock Absorption	Area of Deflection	Basketball Rebound	Vertical Deflection	Surface Friction
Basketball	50% minimum average	20% maximum average	93% minimum average	2.3 mm minimum average	0.6 minimum
Portable	40% minimum average	N/A	95% minimum average	1.5 mm minimum average	0.6 minimum
Aerobics	65% minimum average	25% maximum average	N/A	2.3 mm minimum average	0.6 minimum
Dance	55% minimum average	25% maximum average	N/A	2.3 mm minimum average	*
Volleyball	55% minimum average	20% maximum average	N/A	2.3 mm minimum average	0.6 minimum
Squash	55% minimum average	20% maximum average	N/A	1.5 mm minimum average	*
Racquetball	55% minimum average	20% maximum average	N/A	1.5 mm minimum average	*
Handball	55% minimum average	20% maximum average	N/A	1.5 mm minimum average	*
* surface friction standard was not set as it is dictated by the type of activity performed					

WHAT IS PUR & DIN?

A flooring system is tested on how closely it meets these standards to determine if it is MFMA PUR-compliant. The MFMA will only allow the use of the term “compliant” as it pertains to PUR testing—either a floor is compliant and passes the standards or it does not.

The Horner Zenith system is an example of one of our floors that would pass the PUR criteria:

Zenith

A Computer Designed Dual Multi-Load System.

- EN/FIBA/PUR compliant
- Dual-Stage Resilience
- Dimensional Stability
- Reduced Vibration
- Most Versatile Multi-Sport System in the Marketplace
- Partial Blocking System
- Low Profile option (below)

[View Wood Systems Chart](#)



EN FIBA

Downloads BROCHURE SPECS (pdf) SPECS (Word) CAD (dwg)

CHAPTER 3:

DEUTSCHES INSTITUT FÜR NORMUNG

Deutsches Institut für Normung (**DIN**) testing refers to the German national organization in charge of standardizing products. Also known as the German Institute for Standardization, it features a list of attributes a floor should meet when it gets exported internationally.

DIN

Unlike the MFMA, DIN standardization isn't limited to sports flooring—it encompasses tens of thousands of standards for a variety of products across the globe!

WHAT IS PUR & DIN?

BPS (Balanced Performance System)

A Versatile, Anchored Panel System.

- EN/DIN compliant
- Extra-low profile and high-profile options
- Versatile applications

[View Wood Systems Chart](#)



[Downloads](#) [BROCHURE](#) [SPECS \(pdf\)](#) [SPECS \(Word\)](#) [CAD \(dwg\)](#)

CRP (Controlled Response Performance)

A Versatile, Advanced, Anchored System.

- EN/DIN compliant
- For heavily-used facilities
- Consistent play & ball rebound
- Greater expansion & contraction characteristics

[View Wood Systems Chart](#)



[Downloads](#) [BROCHURE](#) [SPECS \(pdf\)](#) [SPECS \(Word\)](#) [CAD \(dwg\)](#)

The vast majority of floors offered by Horner are certified as DIN-compliant. This means that Horner floors follow an international standard for quality, and can be counted on to be durable no matter where they are installed in the world!

Questions?

Contact us!



Karl Borree - kborree@hornerflooring.com



www.hornerflooring.com



@HornerFloor



<http://www.facebook.com/HornerFlooring>

