



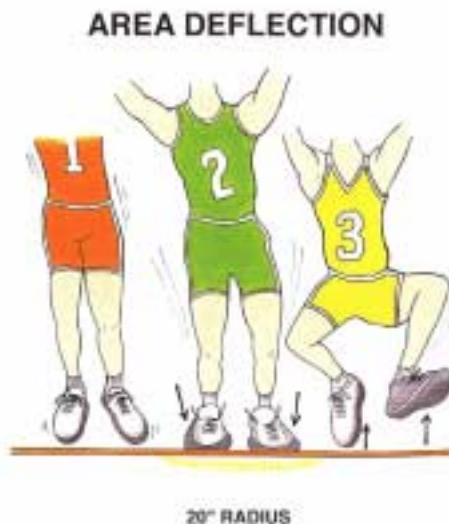
Connors Sports  
Flooring Corporation

## Fyrirtækið:

Connor sport floring hefur aðalskrifstofu í Chicago og framleiðir um 700 gólf á ári af ólíkum gerðum. Fyrirtækið hefur sérhæft sig í íþróttaollum og sinnir almennum markaði vart. Fyrirtækið er hið stærsta sinnar gerðar í Bandaríkjunum. Söluaðili á Íslandi er Parket og gólf og hafa þeir langa reynslu í lagningu parketgólfa ekki minnst í íþróttahallir og verður nefnt hér endurlagningu gólfs í Laugardalshöllina nýlega.

## Val á parketgólfi:

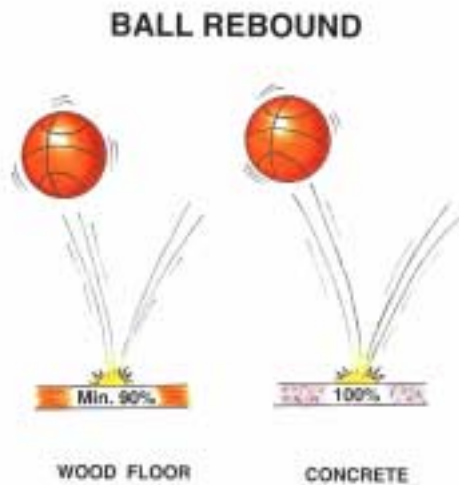
Eftir mikla yfirferð og kynningu á hinum ólíku eignum margar spurningar og yfirferð á gögnum beindist sjónin að tegundinni “ Neoshok”. Neoshok uppfyllir alla þá staðla sem krafist er af Alþjóðakörfuknattleikssambandinu svo sem DIN og þann bandaríska. Fær bestu einkunn af leikmönnum NBA deildarinnar en 7 lið æfa stöðugt á Neoshok auk þess að fyrirfinnast víða um heim. Fyrirtækið er að hasla sér völl í Evrópu og leggur metnað í að ná hér fótfestu. Rætt var um að með því að taka burtu þússningarlag og dúk myndi hæð gólfsins verða nánast hin sama.



## Eðli Neoshok:

Uppbyggingin er þannig: Rakasperra, fjöðrunartappar, tvöfaldur krossviður og 19 mm. parket úr Hlyn. Allt samofið í eina heild og gefur hvergi dauða punkta í fjöðrun og öðrum eiginleikum. Fjöðrunartappar eru til í 3. tegundum er gefa misjafna spennu og parketið er til í 3. útlitstegundum. Hlynur er í Bandaríkjunum talinn henta mjög vel til notkunar í íþróttahöllum og sér í lagi til körfuboltaíðkunar eins og við sáum víða. Hlynur er vænlegur viður sökum eðlisfræði sinnar og ekki minnst þar sem sjónvarpsupptökugæði verða frábær. Hér á landi er Hlynur í Ölfussbæ og hér hjá varnarliðinu og er það gólf um 50 ára gamalt. Aðspurðir sögðu þeir gólfir hafa endingartíma frá 38 árum og uppúr, fjöðrunartappar entust mun lengur. Neoshok hefir verið margrannsakað í tilraunastofum

og m.a. eftirtaldir þættir sem hafa sérstaklega með körfubolta að gera. Þetta er sýnt myndrænt hér að aftan. nefna má Coefficient of friction þar sem lakktegund sú er notuð er þykir ná háharksviðnámsmótstöðu.



Tekið skal fram að Hlynurinn kemur ólakkaður er slípaður eftir niðurlögn og lakkaður 4. sinnum og línur settar og merkingar á milli umferða. Ball rebound eða boltaendurkast er mun hærra hjá rauðu og bláu fjöðrunartöppunum eða um 96-98% en krafist er en krafan er 90% af steinsteypu. Area deflection eða svæðisafögungur við hopp og stökk er í góðu lagi og það ruglar ekki meðspilarann þótt harkalega sé komið niður til hliðar við spilarann og að lokum stóra málið shock absorption eða högggleypnin er 53% við 2,3mm niðurbeygju það vill segja að líkaminn tekur upp 47% sem af íþróttalæknum þykir mjög gott og langt umfram dúklögð gólf.

Rakastig viðarins frá verksmiðju er 6% og aðspurðir um æskilegt rakastig í höllinni töldu þeir að sökum mikilla sveiflna hjá okkur væri rakatæki eða loftræstikerfi

æskilegt og halda rakanum 35-50% en hjá okkur er 5% raki staðreynd á köflum og líður fólki ekki vel í slíku loftslagi. Ef um þunga hluti á gólfið væra að ræða s.s sýningar af ýmsu tagi væri það gerlegt ef gert væri ráð fyrir því við hönnun gólfsins með millileggi og fleiru. Tekið skal fram að Stefán Bjarkason tók fram nýja skó og reyndi af eigin raun hin ólíku gólf með aðstoð bolta og ferðafélanna. Niðurstaða Stefáns leyndi sér ekki.

## Kostnaðaráætlun:

Rif á dúk og pússningu	kr. 1.500.000:-
Slípun og fleyting	kr. 1.420.000:-
Allt efni frá Connor	kr. 11.125.000:-
Vinnuliður	kr. 4.540.000:-
Samtals	kr. 18.585.000:-

Í fjárhagsáætlun er ætlað kr. 25.4 milj. til verksins.

Rakatæki kr. 600.000:-

## COEFFICIENT OF FRICTION



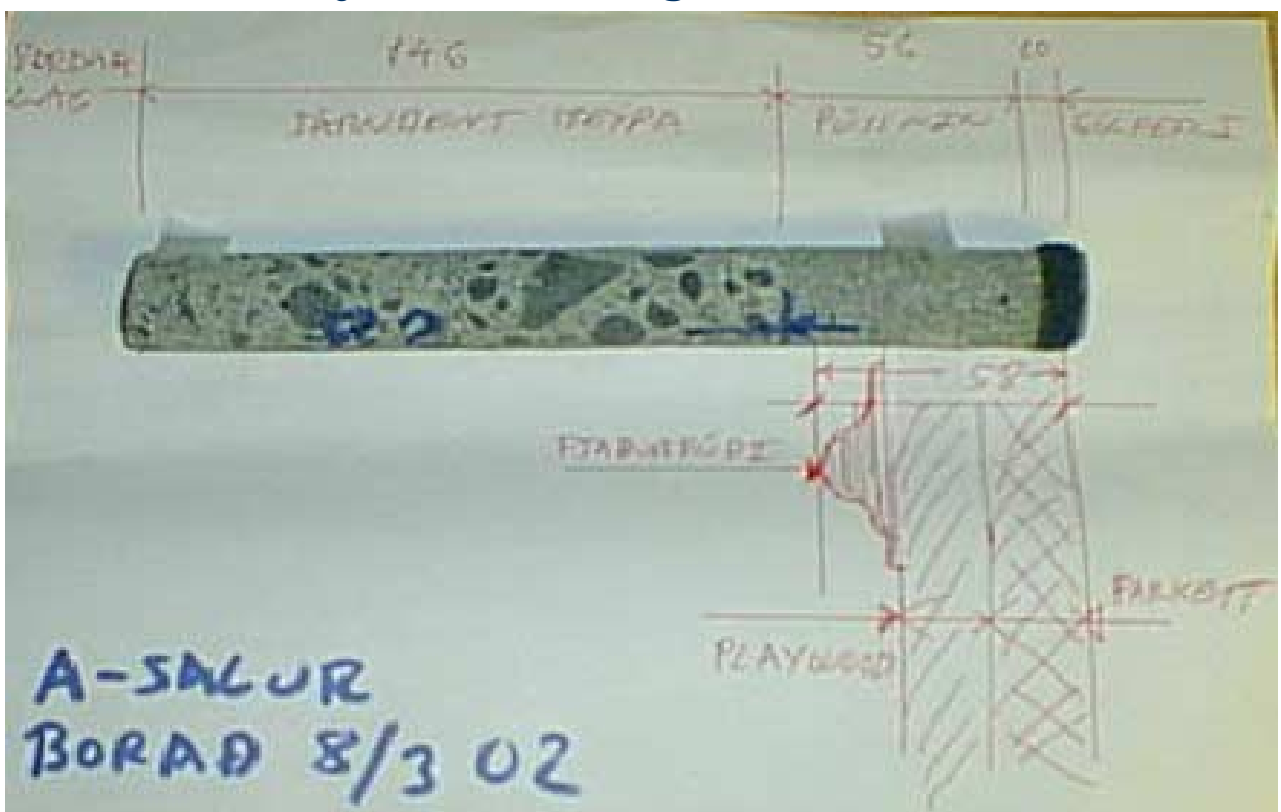
TOO SLIPPERY

TOO STICKY



Fjöðrunartappar

Sýnishorn úr gól fi í A-sal

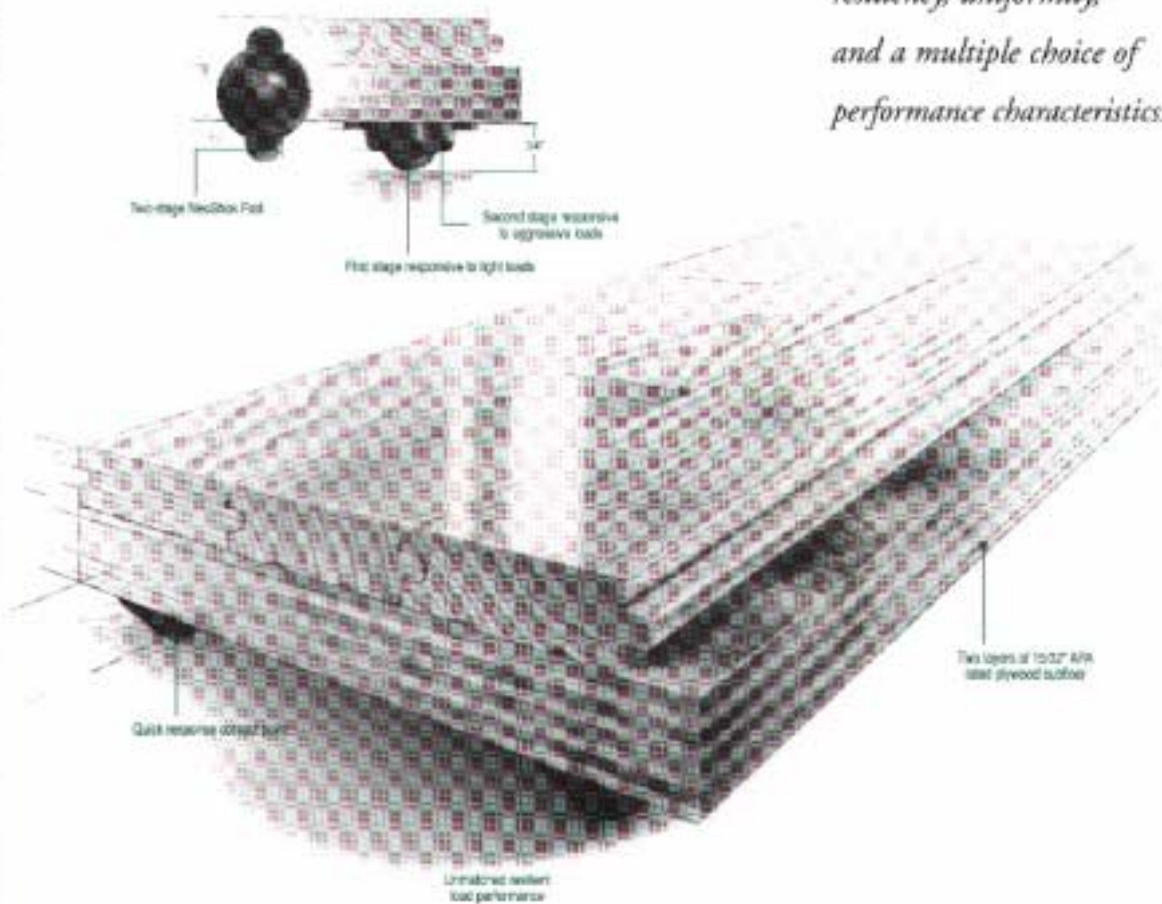


FLOOR  
SYSTEM

**NEOSHOK™**

U.S. Patent No. 4,879,807

*A floating sports floor  
system offering high  
resiliency, uniformity,  
and a multiple choice of  
performance characteristics.*



**C**  
**CONNOR**

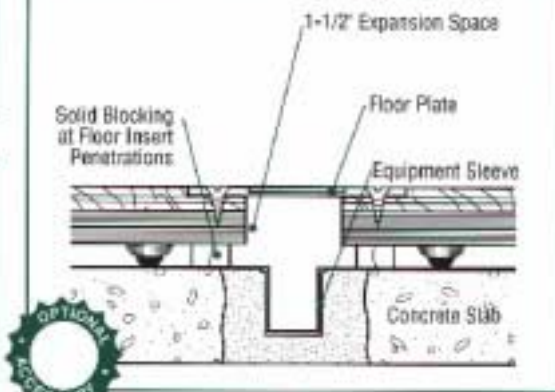
### WALL BASE DETAIL



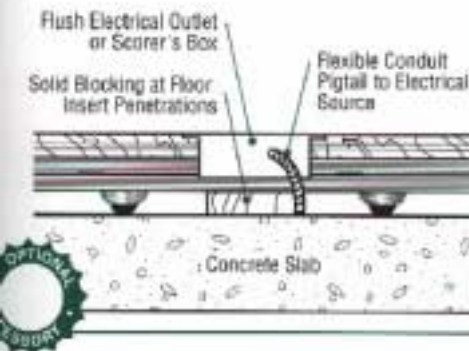
### THRESHOLD DETAIL



### EQUIPMENT DETAIL



### ELECTRICAL BOX DETAIL



### NeoShok™ SYSTEMS/GENERAL SUGGESTED USES

	BLACK AEROBICS	BLUE GYM I	RED GYM II
Community & Recreation Centers		●	
Elementary Schools		●	
Junior High Schools		●	
High Schools		●	
High Schools		●	●
Universities		●	●
Professional		●	●
Volleyball		●	
Racquetball		●	
Aerobics & Dancing	●		
Bleacher Load Areas			●

GENERAL SUGGESTED USES



## We Support Forest Management Worldwide

Connor Sports Flooring is certified as part of Smart Wood, a program of the Rainforest Alliance, an international nonprofit conservation organization. To dramatically reduce the long-term environmental impact of logging, this program applies advanced findings in forestry operations. Connor Sports Flooring quality, MFMA standards and environmental responsibility successfully work together for the future of forest management around the world.

# Sports Flooring Systems You Can Trust Today and Tomorrow

*Connor Sports Flooring has over 100 years of experience and a lasting commitment to the world of sports and recreation. Connor sports floors meet the challenges of athletes and facilities around the globe, from professionals in National Basketball Association (NBA) to international competition in Brisbane, Taipei and Manila.*

## Installations around the world including:

- Australia
- Canada
- Croatia
- Denmark
- Hong Kong
- Israel
- Italy
- Japan
- Jordan
- Korea
- Kuwait
- Macau
- Malaysia
- Mexico
- New Zealand
- Philippines
- Portugal
- Puerto Rico
- Saudi Arabia
- Singapore
- Slovenia
- Taiwan
- Trinidad
- Turkey

## Connor Meets U.S. and International Industry Standards And Participates With Worldwide Organizations in Planning for Tomorrow's Needs

### Maple Flooring Manufacturers Association

Connor is a charter and leading member of the Maple Flooring Manufacturers Association which has set exacting industry standards and requirements for hard maple sports flooring manufacturers and installer contractors. Founded in 1898, the MFMA trademark is your guarantee of consistent quality, standards for uniform grading, dimensions and technical standards. The Maple Flooring Manufacturers Association promotes excellence in product quality and installation through continual sponsorship of research and by providing educational materials that cover the technical aspects of manufacture, installation and maintenance. **Connor stringently adheres to MFMA standards.**



MFMA

### FIBA Partner

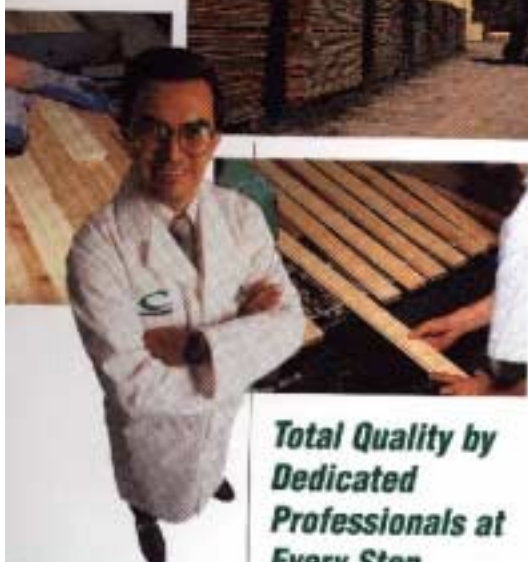
As a FIBA Partner, Connor is a full participant in the world of sports. FIBA (Fédération Internationale de Basketball), the world governing body for basketball, is an independent association formed by 202 National Basketball Federations throughout the world. FIBA establishes the Official Basketball Rules, the specification for equipment and facilities, and the Internal Regulations that must be applied to all international and Olympic competitions, for which FIBA also establishes the system of competition.



### USSL Certified

Connor sports flooring systems are tested by the USSL and ISSS to meet accreditation and specification requirements in the United States and internationally. The USSL is an independent testing company dedicated to the exclusive testing of surfaces designed for sports usage. USSL is the only accredited testing organization in the United States. With active participation in worldwide organizations for test method development such as ASTM (USA), DIN and the ISSS (International), the USSL holds a place in the forefront of technological development.





**Total Quality by  
Dedicated  
Professionals at  
Every Step**

The design, testing and manufacturing of high quality wood and synthetic sports flooring systems is a precise process at Connor. With one of the most modern research and manufacturing facilities in the world, the journey of your next sports surface begins in Connor's state-of-the-art plant in Northern Michigan.

**Don't Just  
Specify a Floor...  
Demand Connor  
Engineered  
Sports Flooring**

Every Connor sports floor is developed and refined for future champions at all levels of competition. Connor flooring benefits from time-tested procedures, processes and most importantly, the reality of thousands of installations that perform for hundreds of thousands of athletes every day throughout the world.

**Connor is  
Committed to  
the Environment**

All Connor mats and pads used in our wood systems are manufactured from recycled, mixed rubber materials. And, because Connor systems are totally environmentally friendly, they can be disposed of under normal landfill conditions. All Connor athletic systems, including the Elastilam family, are free of metals, CFCs, fluorocarbons, formaldehyde, lead and mercury.



**Make it Smart™...Specify SmartWood™**

Our SmartWood™ incorporates SmartWood®, a program of the Rainforest Alliance, an international nonprofit conservation organization, focused on reducing the long-term impact of logging. This program incorporates hardwoods from managed forests that use advanced findings in forestry management. Connor Sports Flooring Corporation is the first MFMA manufacturer certified under this worldwide program.

WWW.CONNORFLOOR.COM

**DIN Athletic Performance Testing**

- BALL REBOUND: 80% MIN.
- SHOCK ABSORPTION: 50% MIN.
- VERTICAL DEFLECTION: 2.8 MAX.
- AREA REFLECTION: 10% MIN.

**STEM Engineering Performance Testing**

- METHOD 100 ENVIRONMENTAL STABILITY
- METHOD 303 RESILIENT LIFE
- METHOD 400 RESILIENT LOAD



From our easy to navigate website you can access printable information including:

- Installation Kit
- System Details
- Specifications
- DIN and STEM test results
- Floor care information

[www.connorfloor.com](http://www.connorfloor.com)

Visit our website for complete specifications on all systems (Imperial and Metric)



Tel.: (49) 89-74 81 58-68  
Fax: (49) 89-74 81 58-88

FIBA Basketball Promotion GmbH - Buschetsrieder Str. 67 - D-81379 Munich  
Study Centre & Research Department

## CERTIFICATE of COMPLIANCE

D9913

Validity : 1st January 1999 to 31st December 2002

### Company

#### **CONNOR Sports Flooring**

Corporation

251 Industrial Park Road  
AMASA, Michigan 48903  
U.S.A.

Tel.: ++ 1 906 822 73 13  
or ++ 1 800 833 71 44  
Fax: ++ 1 906 822 78 00

E-mail: [sportsfiba@connorfloor.com](mailto:sportsfiba@connorfloor.com)  
www: <http://www.connorfloor.com>

### Products :

#### **Wooden sports floorings**

#### **Types :**

MFMA Hard Maple  
Sports Flooring Systems

This is to certify that the above products, manufactured by this company, have been inspected and found to comply with the FIBA standards. They are therefore **officially recognized, approved and recommended by FIBA.**

This company, to FIBA's reasonable knowledge, is a company capable of manufacturing the above products at international level and according to the FIBA standards.

This company has the right to use the FIBA Study Centre logo on its publicity for the above products with the addendum :

**"Officially recognized, approved and recommended by FIBA 1999 - 2002"**



Aldo Vitale

Managing Director

Munich, 10th February 1999

FIBA Study Centre logo is a registered trademark of FIBA

FIBA  
Basketball Promotion GmbH  
Buschetsrieder Str. 67  
D-81379 Munich  
[www.fiba.com](http://www.fiba.com)

Board of Directors:  
Chairman: Aldo Vitale  
Managing Director: Toni Lösch

Bank:  
HypoVereinsbank, Munich  
Sort Code: 700 200 70  
Account No.: 33 836 600

Headquarters:  
Registered Office: Munich  
Germany, No.: HRB 112570  
VAT Reg. No.: D5-142257509