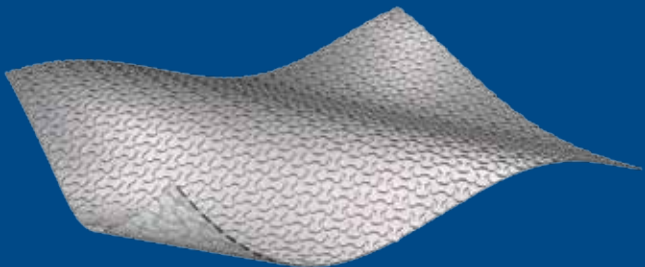


# INVINCIBLE!

FLEXBONE® - The Most  
Advanced Single Source  
Uncoupling Solutions!

**ARDEX UI 740™ FLEXBONE®**  
Uncoupling Membrane



tile & stone  
Installation Systems

# Uncoupling for Tile and Stone Installations

Substrates provide a variety of challenges for tile and stone installations. Wooden and concrete subfloors go through various cycles of expansion, contraction and deflection during the life of a floor covering due to changes in weather, moisture conditions, inherent subfloor properties, etc. Uncoupling membranes are designed to protect tile and stone installations from subfloor movement, moisture vapor transmission and to provide point load distribution preventing tile and joint cracking, buckling and disbonding. ARDEX offers two unique high performance single source uncoupling system solutions that are easy to install and provide an enhanced level of safety and convenience for tile and stone installations.

## **FLEXBONE®** **An Enhanced Level of Protection**

The unique FLEXBONE® design is the high-performance backbone for tile and stone installations delivering maximum shear protection, point load distribution and waterproofing. FLEXBONE® Uncoupling Systems are recommended with ARDEX high-performance polymer modified mortars for enhanced installation safety.

## **ARDEX UI 740™ FLEXBONE®** **Uncoupling Membrane**

- High-load, high stress uncoupling membrane
- Ideal for large format tile and high traffic areas
- Highest shear and tensile bond strengths (independent testing at MPA Wiesbaden, Germany)
- Use with porcelain, ceramic, quarry and natural stone tile
- Prevents grout joint and tile cracking
- For use as a waterproofing membrane

### **GripLock Technology**

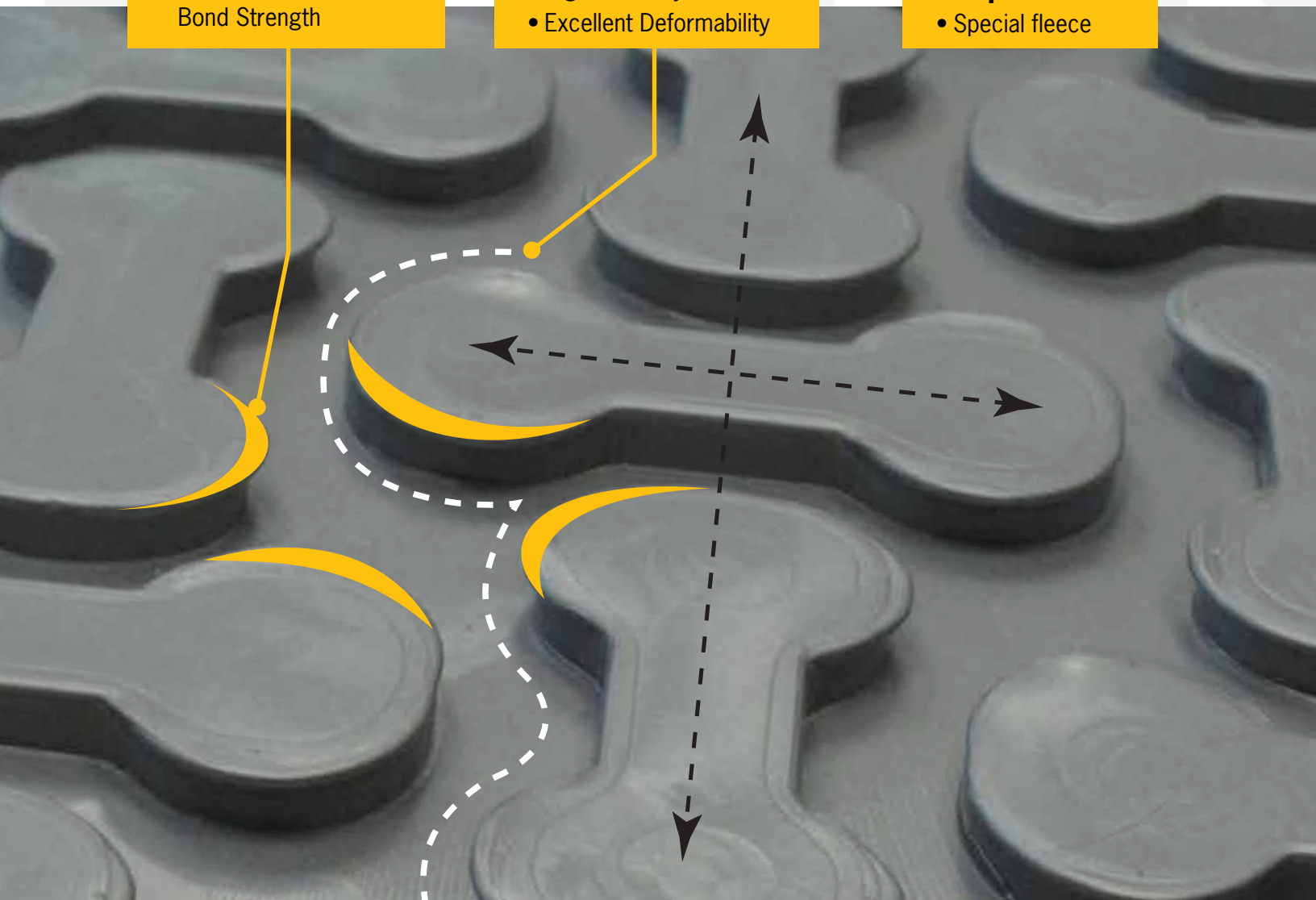
- Maximum Bond Strength

### **Unique Bone Structure**

- High Flexibility
- Excellent Deformability

### **Vapor Pressure Compensation**

- Special fleece



## ARDEX UI 740™ FLEXBONE® Uncoupling Membrane

A high-load bearing uncoupling membrane ideal for large format tile in high traffic areas. The unique bone shape pattern with GripLock Technology delivers outstanding tensile bond strength, maximum shear strength and makes filling the cavities smooth and easy. The ARDEX UI 740™ FLEXBONE® system dissipates even strong movements in the substrate and high dynamic forces from above. Can also be used as a waterproof layer in bathrooms and other wet areas.

### Very Easy to Fill in Just One Pass!

The unique bone shape design allows for exceptionally easy filling of the cavities saving time and less mortar required.



### TOUGH as BONES!

- Up to 50% MORE bond strength
- Maximum shear strength
- Waterproofing Protection

GripLock Technology delivers even adhesion and a stronger bond!



The significant residual mortar on both the tile and membrane after tiles are forcibly sheared demonstrates the outstanding strength.



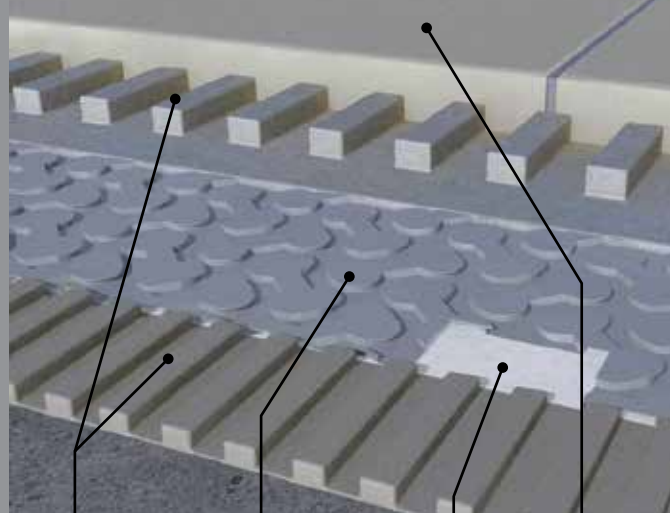


# ARDEX UI 740™ FLEXBONE®

## ideal for:

- Shopping Malls
- Airports
- Residential
- Office Buildings
- Hotels
- Car Showrooms and Repair Areas
- Any area subject to high traffic and stress

Robinson Test Rating – Extra Heavy



ARDEX  
Polymer  
Modified  
Mortar

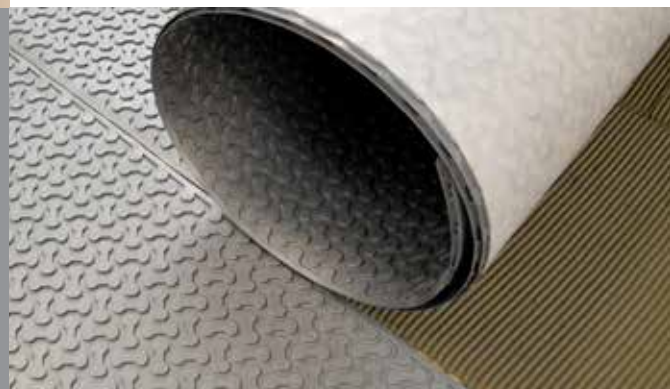
ARDEX UI 740™  
FLEXBONE

Felt  
Underside

Tile



## Unique FLEXBONE® design with GripLock Technology for Superior Strength and Protection!



When ARDEX FLEXBONE®  
Uncoupling Membranes  
are used with approved  
ARDEX high-performance  
mortars and grouts, the  
installation is eligible  
for the industry best  
ARDEX SystemOne™  
10 Year Warranty.

**SystemOne™**



CHOOSE  
**YOUR**  
SOLUTION

For difficult substrates or areas where flooring is changed out frequently please try the revolutionary unbonded system with ARDEX UI 720™ FLEXBONE® Floating Uncoupling Membrane.



[www.ardexamericas.com](http://www.ardexamericas.com)  
888-512-7339