

# **DenCoat**<sup>TM</sup>

*Tomorrows Floors Today*



# **Denpur**<sup>TM</sup>

# Dencoat™ Ultimate Industrial floors



Specific individual needs coupled with time sensitive deadlines requires special knowledge and specialised products to cover all modern flooring needs. The advice given should always represent the best solution to satisfy your demands!

Selecting the correct type of floor is just one aspect in finding the optimal solution. Trusting the company who is advising, supplying and installing the end product is even more important.

Some resin based floors currently on the market do not live up to their customers expectations. This is not surprising considering there are so many different

products available. Specifying an Dencoat™ floor ensures the most appropriate floor is installed first time. Our floors have been installed successfully throughout Europe, North America, Australia and in many of countries.

#### **Industrial floor toppings and coatings**

Dencoat™ has a strong experience in manufacturing and installing resin based flooring systems, and is renowned as one of the leading experts in the field. Our wide range of product and global market knowledge enables us to provide tailor made solutions to meet your specific needs. With our latest

technological developments in epoxy, polyurethane and MMA resin systems, Dencoat™ systems strives to provide the ultimate of what can be achieved.

#### **From the idea...**

to the drawing board and through to completion, Dencoat™ is your most experienced and qualified partner. We provide fully integrated and complete systems, customised and installed by an Dencoat™ group company or by one of our Dencoat™ certified contractors.

# Denpur<sup>TM</sup>

## Today's floor for the future requirements

Denpur<sup>TM</sup> Comfort Flooring is today's response to a floor that meets all the requirements that the user and the builder can make for a floor. The floors are super robust and extremely durable with an expected life of at least 20 years - of course depending on the chosen thickness of the surface and wear layer.

### No joints, no problems

Dencoat<sup>TM</sup> flooring solutions are seamless floors that are laid out in liquid form on a solid surface - eg. concrete. The floor thus creates a beautiful overall surface without joints. Therefore you avoid cracks where dirt and dust can settle.

### Available in all colors

Denpur<sup>TM</sup> Comfort Floors are delivered as standard in a variety of beautiful colors, but can of course be produced in all the colors of the rainbow, so not only the architect and builder behind the building will be satisfied, but also the daily users, whether it's industry and offices, shops, shopping malls, sports halls or schools, institutions and hospitals.

### Good for back and ears

Denpur<sup>TM</sup> Comfort floors are extremely durable and robust, yet soft and comfortable to wear. It's good for the back that is not going to miss the hard bumps through the body, as other hard floors can cause. The soft 6-7 mm thick surface is also sound absorbing, eliminating step sounds and preventing sound from spreading to other parts of the building.

### Fast installation

Denpur<sup>TM</sup> Comfort is one of the fastest ways to lay the floor and thus create a foundation for a beautiful and durable foundation



that completes construction. The floor is ready for foot traffic after only 24 hours.

### Environmentally friendly ingredients

Denpur<sup>TM</sup> Comfort SL is completely free of solvents and is made of natural plant oils. Among other things, the floor meets the strict

German environmental standards.

### Easy to clean and maintain

Under normal conditions, it is enough to sweep the floor with a dry cap. However, if there is any dirt, pour a little mild soap into the water - and the surface of Denpur<sup>TM</sup> SL Comfort is beautiful, as when the floor was just laid.

## Denpur™ SL (3-4 mm)

Recommended for industrial areas, which are subject to normal traffic. The floor has a high wear resistance, high chemical resistance and medium resistance to shocks. The floor is suitable for dry areas such as laboratories, corridor areas, electronic companies and hospitals, etc.

### Benefits

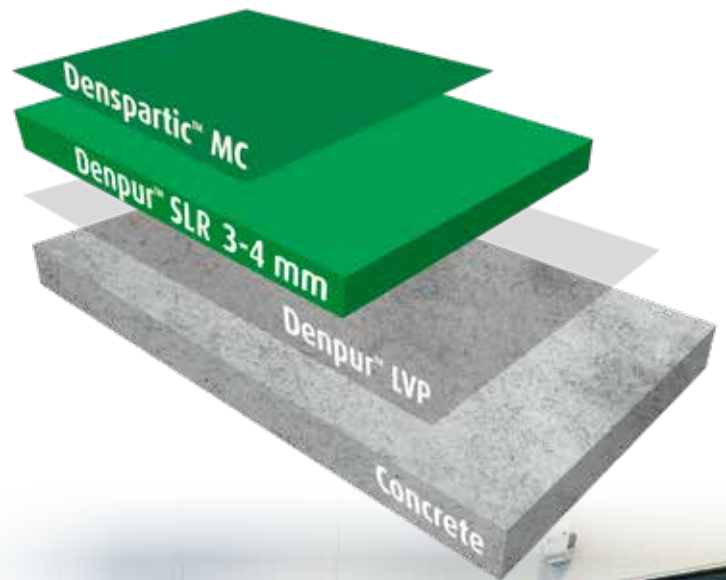
- Excellent chemical resistance
- Resist 80°C water temperatures
- High abrasion resistance
- Seamless and hygienic finish
- Easy to clean and sterilise
- Low maintenance cost
- Low odour during installation

### Scope of use

- Dry areas
- Laboratories
- Corridor areas
- Electronic companies
- Hospitals



For more colors please see separate color chart.



## Appearance

Denpur™ SL is a coloured smooth floor.

## Life Expectancy

10 - 15 years.

## Application

To provide a light to medium duty floor finish with high temperature and chemical resistance. Typical uses are ordinary industrial environments such as laboratories, electronic companies, hospitals and normal dry process areas.

## Application conditions

Temperature 10°C to 30°C, best 15 to 25°C, max. moisture content in the concrete subfloor 5% by weight.

## Temperature Resistance

Denpur™ SL is resistant to temperature cycles up to 90°C dry heat and 80°C. wet heat. Extended periods at these temperatures and above will make material susceptible to chemical attack and abrasion wear.

## Colours

See separate color chart.



Properties	Value
System thickness	Approx.3-4 mm
Fire class according to EN 13501-1	B <sub>fl</sub> -s <sub>1</sub>
Anti-slip according to DIN 51130	R 9/12
Sounddamping	4 dB
VOC according to EN 13419	Pass
Abrasion resistance according to EN 660-2 = 1999	Group M
Chemical resistance	See Dencoat™ Resistance Scheme
Physiologically harmless (DIN EN 71 part 3)	Pass
Decline after static depression according to EN 433: 1994	0.02 mm
Resistance to office wheels according to EN 425	No damage
Impact resistant ISO 6272	Class I
UV Color stability (indoor and outdoor)	Yes
Shore DIN 53505	(D) 60
Compatible with underfloor heating (*)	Yes

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## Denpur™ Comfort (6-7 mm)

Recommended for industrial areas, which are subject to intense traffic. The floor is chock and sound absorbing, and is therefore suitable for dry areas as laboratories, corridor areas, electronic companies and hospitals, where sounddamping properties are required.

### Benefits

- Noise and shock absorbing
- Excellent chemical resistance
- Resist 80°C water temperatures
- High abrasion resistance
- Seamless and hygienic finish
- Easy to clean and sterilise
- Low maintenance cost
- Low odour during installation.

### Scope of use

- Dry areas
- Laboratories
- Corridor areas
- Electronic companies
- Hospitals

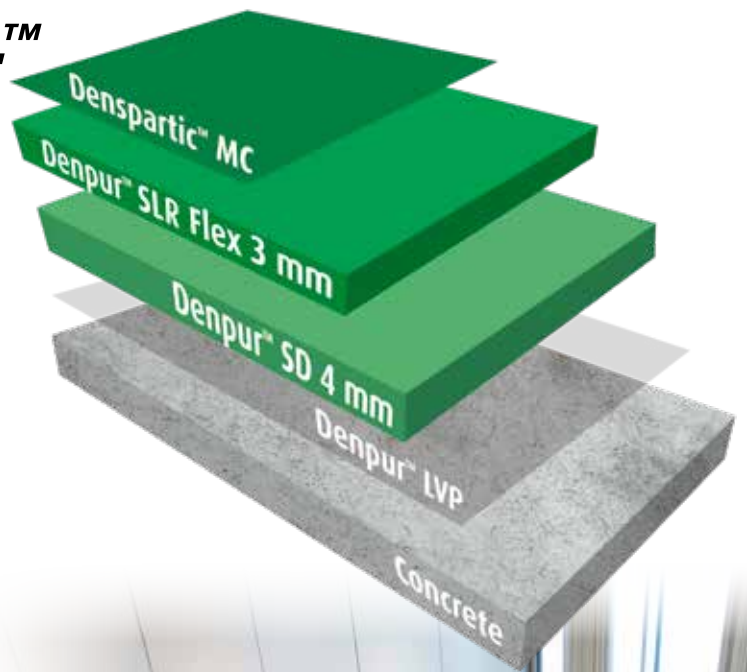


Yellow Buff Red Blue



Light Green Light Grey Mid Grey Black

For more colors please see separate color chart.



### Appearance

Denpur™ Comfort is a coloured smooth floor.

### Life Expectancy

10 - 15 years.

### Application

To provide a light to medium duty floor finish with high temperature and chemical resistance. Typical uses are ordinary industrial environments such as laboratories, electronic companies, hospitals and normal dry process areas.

### Application conditions

Temperature 10°C to 30°C, best 15 to 25°C, max. moisture content in the concrete subfloor 5% by weight.

### Temperature Resistance

Denpur™ Comfort is resistant to temperature cycles up to 90°C dry heat and 80°C. wet heat. Extended periods at these temperatures and above will make material susceptible to chemical attack and abrasion wear.

### Colours

For more colors please see separate color chart.



#### Properties

Properties	Value
System thickness	Approx. 6-7 mm
Fire class according to EN 13501-1	B <sub>fl</sub> - s <sub>1</sub>
Anti-slip according to DIN 51130	R 10
Sounddamping	17 dB
VOC according to EN 13419	Pass
Abrasion resistance according to EN 660-2 = 1999	Group P
Chemical resistance	See Dencoat® resistance Scheme
Physiologically harmless (DIN EN 71 part 3)	Pass
Decline after static depression according to EN 433: 1994	0.06 mm
Resistance to office wheel wheels according to EN 425	No damage
Impact resistant ISO 6272	Class I
UV Color stability (indoor and outdoor)	Yes
Shore DIN 53505	(A) 80
Compatible with underfloor heating (*)	Yes



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## Denpur™ Comfort LM (8-10 mm)

A combi-elastic sports floor system with excellent bounce and comfort due to the soft and resilient liquid PU membrane. The floor offers very high comfort and safety level and is very durable and capable to withstand high mechanical stress. The floor is therefore recommended for sports facilities, schools, dance halls, playgrounds and fitness centers and other areas where chock and sound absorbing properties are required.

### Benefits

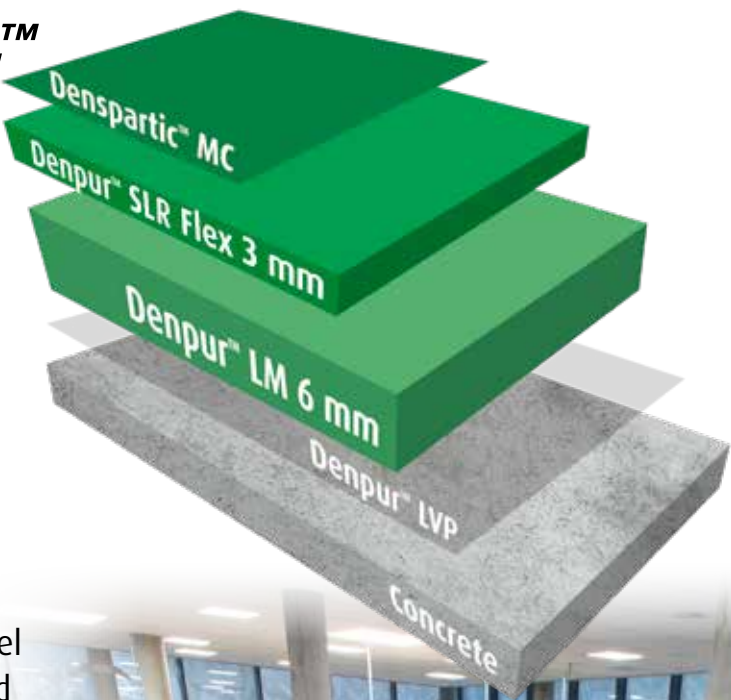
- Noise and shock absorbing
- Excellent chemical resistance
- Resist 80°C water temperatures
- High abrasion resistance
- Seamless and hygienic finish
- Easy to clean and sterilise
- Low maintenance cost
- Low odour during installation.

### Scope of use

- Sports facilities
- Schools
- Dance halls
- Playgrounds
- Fitness centers



For more colors please see separate color chart.





### Appearance

Denpur™ Comfort LM is a coloured smooth floor.

### Life Expectancy

10 - 15 years.

### Application

To provide a combi-elastic sports floor with high comfort and safety level. Typical uses are sports facilities, schools, dance halls, playgrounds and fitness centers.

### Application conditions

Temperature 10°C to 30°C, best 15 to 25°C, max. moisture content in the concrete subfloor 5% by weight.

### Temperature Resistance

Denpur™ Comfort LM is resistant to temperature cycles up to 90°C dry heat and 80°C. wet heat. Extended periods at these temperatures and above will make material susceptible to chemical attack and abrasion wear.

### Colours

See separate color chart.



#### Properties

Properties	Value
System thickness	Approx. 8-10 mm
Fire class according to EN 13501-1	B <sub>fl</sub> - s <sub>1</sub>
Anti-slip according to DIN 51130	R 10
Sounddamping	20 dB
VOC according to EN 13419	Pass
Abrasion resistance according to EN 660-2 = 1999	Group P
Chemical resistance	See Dencoat® resistance Scheme
Physiologically harmless (DIN EN 71 part 3)	Pass
Decline after static depression according to EN 433: 1994	0.08 mm
Resistance to office wheel wheels according to EN 425	No damage
Impact resistant ISO 6272	Class I
UV Color stability (indoor and outdoor)	Yes
Shore DIN 53505	(A) 80
Compatible with underfloor heating (*)	Yes

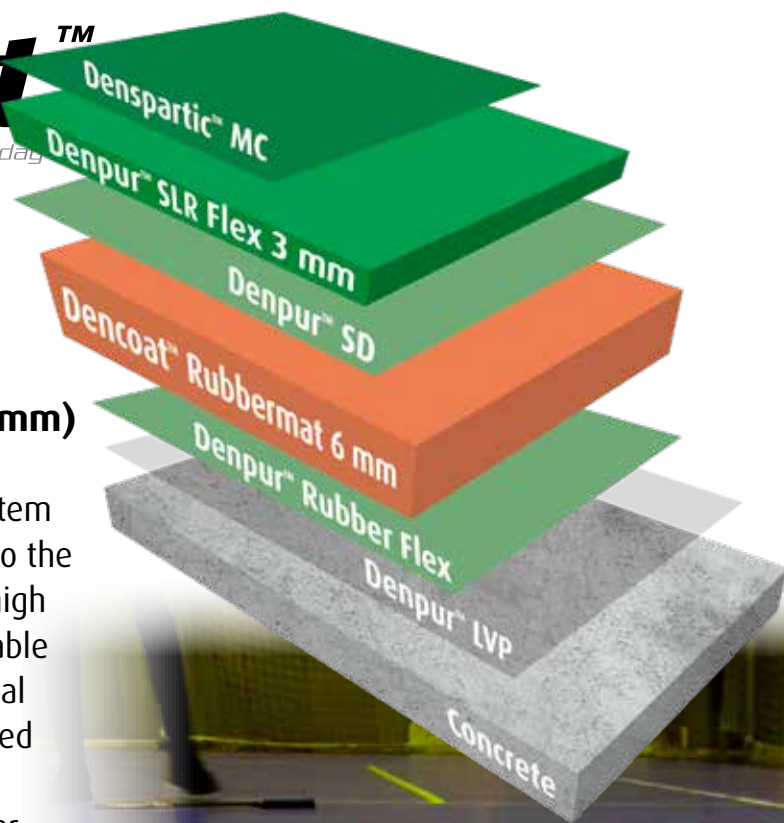


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## Denpur<sup>TM</sup> Comfort REG (8-10 mm)

A very soft combi-elastic sports floor system with excellent bounce and comfort due to the thick rubber matt. The floor offers very high comfort and safety level and is very durable and capable to withstand high mechanical stress. The floor is therefore recommended for sports facilities, schools, dance halls, playgrounds and fitness centers and other areas where chock and sound absorbing properties are required.



### Benefits

- Noise and shock absorbing
- Excellent chemical resistance
- Resist 80°C water temperatures
- High abrasion resistance
- Seamless and hygienic finish
- Easy to clean and sterilise
- Low maintenance cost
- Low odour during installation.

### Scope of use

- Sports facilities
- Schools
- Dance halls
- Playgrounds
- Fitness centers



For more colors please see separate color chart.



### Appearance

Denpur™ Comfort REG is a coloured smooth floor.

### Life Expectancy

10 - 15 years.

### Application

To provide a combi-elastic sports floor with high comfort and safety level. Typical uses are sports facilities, schools, dance halls, playgrounds and fitness centers.

### Application conditions

Temperature 10°C to 30°C, best 15 to 25°C, max. moisture content in the concrete subfloor 5% by weight.

### Temperature Resistance

Denpur™ Comfort REG is resistant to temperature cycles up to 90°C dry heat and 80°C. wet heat. Extended periods at these temperatures and above will make material susceptible to chemical attack and abrasion wear.

### Colours

See separate color chart.



#### Properties

#### Value

System thickness	Approx. 8-10 mm
Fire class according to EN 13501-1	B <sub>fl</sub> -S <sub>1</sub>
Anti-slip according to DIN 51130	R 10
Sounddamping	20 dB
VOC according to EN 13419	Pass
Abrasion resistance according to EN 660-2 = 1999	Group P
Chemical resistance	See Dencoat® resistance Scheme
Physiologically harmless (DIN EN 71 part 3)	Pass
Decline after static depression according to EN 433: 1994	0.08 mm
Resistance to office wheel wheels according to EN 425	No damage
Impact resistant ISO 6272	Class I
UV Color stability (indoor and outdoor)	Yes
Shore DIN 53505	(A) 80
Compatible with underfloor heating (*)	Yes

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Technische Fliesen-Industrie

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