



JOTUN

Jotun Protects Property



Jotafloor

Industrial Flooring





THE WORLD OF JOTUN

The Jotun Group is one of the world's leading manufacturers of paints, coatings and powder coatings. The group has 74 companies and 39 production facilities around the world. Represented in more than 90 countries, Jotun's extensive operations cover development and production of products to protect and decorate surfaces in the residential, shipping and industrial markets.

Jotun prides itself on being a responsible business. Our responsibility is not only to our shareholders, but our employees, society, suppliers, customers and the environment we all share.

Jotafloor

Jotafloor is our range of products and systems that protect and extend the life of the floors. Its protective qualities safeguard against chemical spills, heavy traffic, abrasions and other impacts, whilst providing a range of colours that are aesthetically pleasing.





DESIGN AND CONSTRUCTION



Design Life

What is the design life (no. of years) of a flooring project? The coating system must meet the design life and the expected maintenance-free periods. Jotafloor coating systems are capable of meeting such requirements.



Colours and Aesthetics

In addition to seamless concrete protection, the coating systems must provide resistance against chemicals, abrasion, meet hygiene and safety standards, be durable and have the right colour to create the required ambience. The Jotafloor coating systems meet both design and end user needs.



Reduced Risk

Jotafloor offers a range of coating systems along with technical services to ensure superior quality to all stakeholders thereby reducing the level of risk involved.

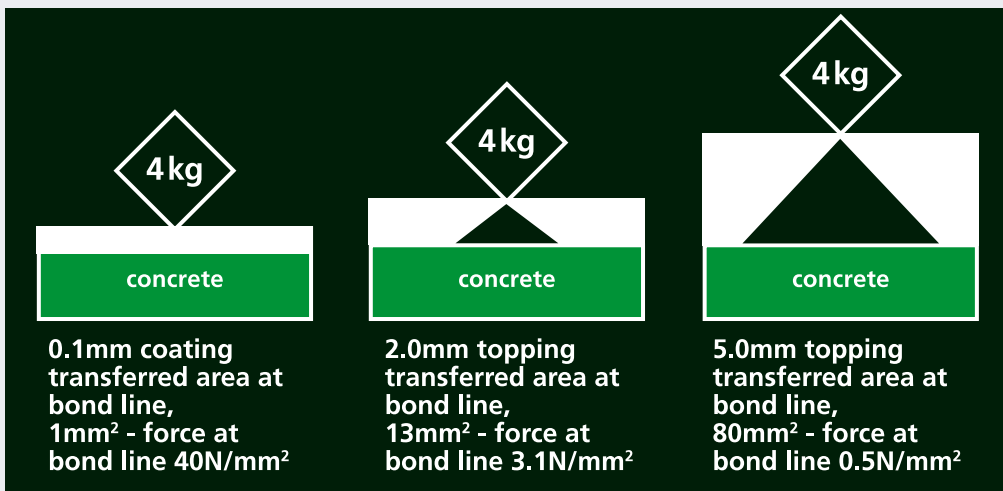


Structural Loads

The loads imposed during use must always be considered while specifying a coating system. The coating system must respond to the loads it is subjected to. The Jotafloor coating systems are designed to meet these loads.

LOAD SPREADING EFFECT OF THICKER SYSTEMS

(4 kg point load dropped from 1 metre)





PROJECT REQUIREMENTS FOR INDUSTRIAL FLOORS



Traffic & Mechanical Wear

Certain areas require greater mechanical resistance compared with the rest of the floor, e.g. driveways, ramps. The Jotafloor range can provide different solutions depending on the level of mechanical resistance.



Chemical Resistance

Chemicals play a vital role in flooring deterioration. It is important to evaluate the impact of these chemicals. The role of temperature in increasing or decreasing the impact must be visualised. The Jotafloor range provides a variety of chemical resistant systems.



Temperatures

The importance of ambient temperatures must never be ruled out. We must consider the machinery in use and the production process. These areas require different solutions compared to the rest and the Jotafloor range caters to such facilities.



Non-slip Floor

The right level of slip resistance must be considered while designing a floor for pedestrian use. The ability to clean and maintain hygiene varies depending on the floor profile. The Jotafloor range provides a range of non-slip finishes.



Hygiene

The aspect of proper hygiene in food, beverages, pharmaceutical and cosmetic industries is paramount. The floors must at all times ensure a proper dust and crack-free floor environment in the production process. It is also important to understand the cleaning methods and products used. The Jotafloor range is designed to meet such requirements.



Impact

The impact of damage to floors must be considered while selecting a coating system particularly in areas such as warehouses and loading bays. It is important to ensure that the stress levels that arise are taken care of. The Jotafloor range takes care of point loading and impact resistance.



Waterproof

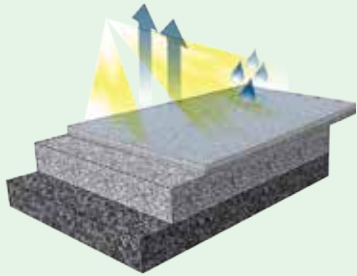
It is important to protect the concrete from liquids, pollutants, corrosion and spillage. Similarly we must ensure that cleaning mediums' detergent, steam, etc. must be contained. The Jotafloor range has the systems with such ability.



Colour Choice

The right colours play an important role in providing the right ambience for increased productivity. It also helps in segregating different areas. The Jotafloor range offers a wide range of colours for both interior and UV resistant exterior use.





Moisture Content

It is recommended that the concrete is 28 days old before a coating system is applied. Due to different temperature ranges it is possible to apply the coating system earlier. The maximum substrate moisture content must not exceed 4%. The chances of coating failures are very high if these conditions are not met.



Surface Preparation

More than 80% of all flooring failures can be traced back to poor surface preparation, hence it's the most important part of the flooring process. The aim of surface preparation is to leave a clean, sound and stable base on to which the floor coating system is to be applied.



Old Substrates

Old substrates need to be checked for strength and contamination such as oil, grease and chemicals. If present, they will cause de-bonding at the interface between the substrate and the primer.



Joints

The edges of expansion joints should be checked for damage or cracking to the nosing or edges of the joint. If the damaged areas are left unrepaired, there is a risk of the area collapsing in to the joint when the floor is in use, leading to costly repairs and disruption of use of the facility. It is always best to use a repair mortar that matches the parent substrate.

Note: Coating over joints is not recommended.

JOTAFLOOR SYSTEM GUIDE



Storage and Logistics (Warehouses)



Racking Sections (Warehouses)



Cold Storage (Production, Dairies, Food Mfg, Plant Rooms, F&B Plants)



Dry Areas (Production, Food Mfg, Plant Rooms, F&B Plants, High Tech Mfg, Steel Works, Engineering Plants)



Wet Areas (Production, Food Mfg, Plant Rooms, Kitchens, Oil Refinery)



Combination Wet, Chemicals, Heat and Wear (Production, Labs, Plant Rooms, Kitchens, F&B Plants, High Tech Mfg, Steel Works, Engineering Plants, Industrial Units)



Minimum Downtime for Production (Production, Food Mfg, F&B Plants, High Tech Mfg)



Decontaminable Floors and Clean Rooms (Labs, Kitchens, Hospitals)



Underground Garages, and Internal Decks (Garages, Basements, Workshops, Aircraft Hangars, Car Parks Interior, Ramps, Parking Bays)



Exterior Intermediate and Exposed Decks (Car Parks Exterior, Ramps, Parking Bays)



Office, Corridors and Multipurpose Halls, (Exhibition Halls, In-house Events, Concrete Sports Venues, Open Days, etc.)



Balconies and Stairways (Pedestrian Walkways)





Traffic & Mechanical Wear



Chemical Resistance



Temperature



Slip Resistance



Hygiene



Impact Resistance and Point Loading



Waterproof

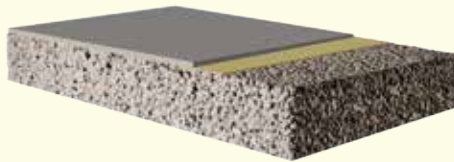


Rapid Curing

A. WAREHOUSES AND STORAGE:

Recommended Systems:

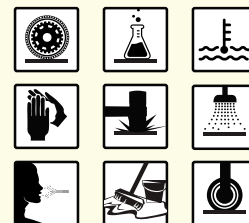
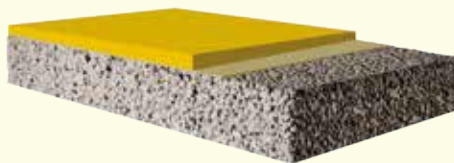
- 1 x Jotafloor Sealer 40 Mic DFT
- 2 x Jotafloor Topcoat 50 Mic DFT Each



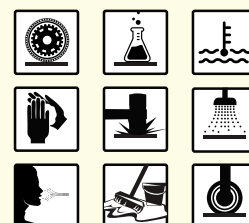
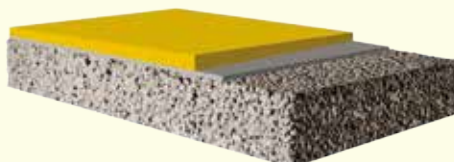
- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
- OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- Jotafloor Non-slip Aggregate (Fine and Medium)
- 2 x Jotafloor Topcoat 50 Mic DFT Each



- 1 x Jotafloor Sealer 40 Mic DFT
- 1 x Jotafloor Coating 300 Mic DFT
- OR
- 1 x Jotafloor EPC 300 300 Mic DFT



- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
- OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor Coating 300 Mic DFT
- OR
- 1 x Jotafloor EPC 300 300 Mic DFT





Floor Coating on Green Concrete



Crack-Bridging Ability



Damping of Impact Noise



Low VOC



Cleaning and Maintenance



Impact Resistance Multiple Colours

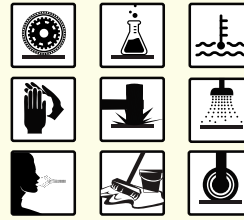
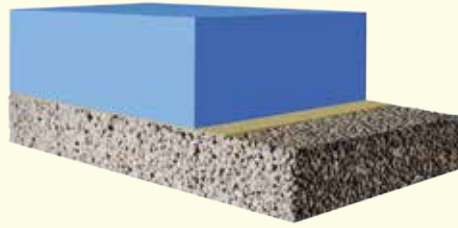


UV Resistance

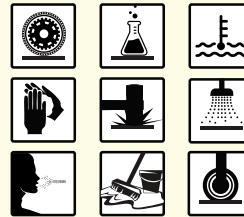
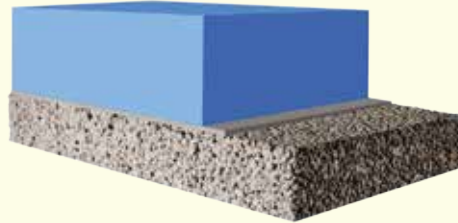


Chair Roll Resistance

- 1 x Jotafloor Sealer 40 Mic DFT
- 1 x Jotafloor SL Universal (2 to 5 mm) DFT
OR
1 x Jotafloor EPSL (2 to 5 mm) DFT

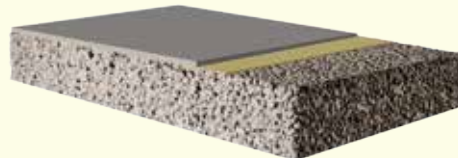


- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor SL Universal (2 to 5 mm) DFT
OR
1 x Jotafloor EPSL (2 to 5 mm) DFT

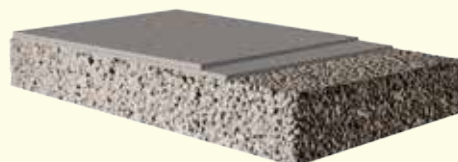


B. PRODUCTION AREAS, PLANT ROOMS, CHEMICAL PLANTS, FOOD & BEVERAGE PLANTS, DAIRIES, HIGH TECH MFG, STEEL PLANTS, OIL REFINERY & INDUSTRIAL UNITS:

- 1 x Jotafloor Sealer 40 Mic DFT
- 2 x Jotafloor Topcoat 50 Mic DFT Each

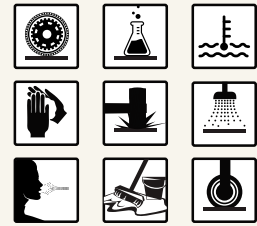
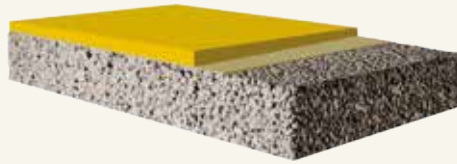


- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
1 x Jotafloor SF PR 150 150 Mic DFT
- Jotafloor Non-slip Aggregate (Fine and Medium)
- 2 x Jotafloor Topcoat 50 Mic DFT Each

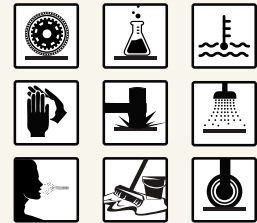
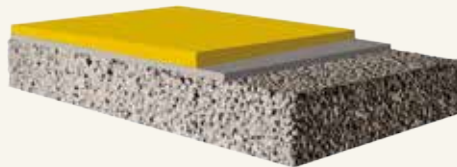




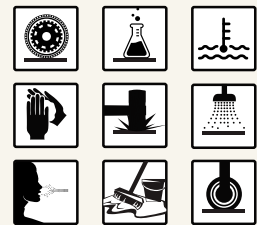
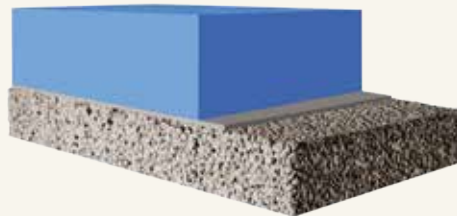
- 1 x Jotafloor Sealer 40 Mic DFT
- 1 x Jotafloor Coating 300 Mic DFT
OR
- 1 x Jotafloor EPC 300 300 Mic DFT



- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor Coating 300 Mic DFT
OR
- 1 x Jotafloor EPC 300 300 Mic DFT



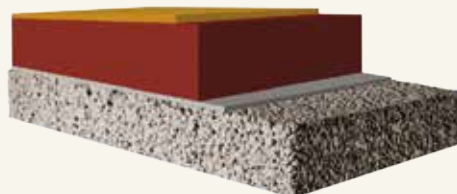
- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor SL Universal
(2 to 5 mm) DFT
OR
- 1 x Jotafloor EPSL (2 to 5 mm) DFT

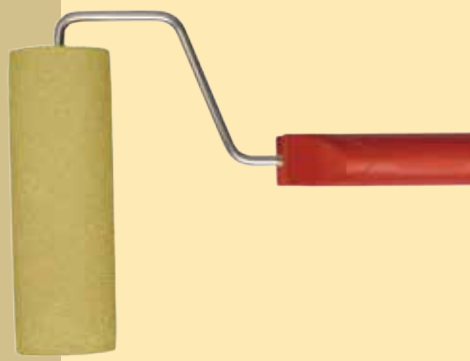


- 1 x Jotafloor Solvent Free Primer
150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor PU Universal
(2 mm) DFT



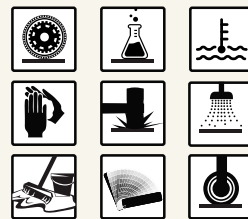
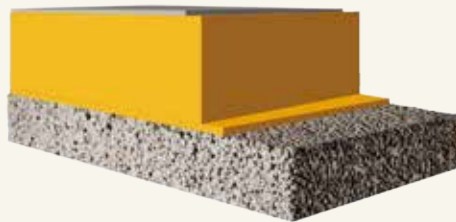
- 1 x Jotafloor Solvent Free Primer
150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor PU Universal
(0.8 – 1.5 mm) DFT
- Jotafloor Non-slip Aggregate
(Available in various sizes. Contact local
Jotun office for application.)
- 2 x Jotafloor PU Topcoat 80
Mic DFT Each





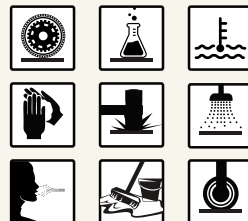
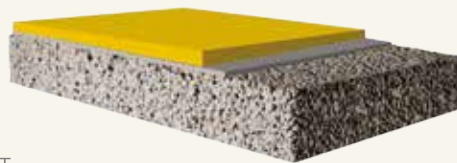
- 1 x Jotafloor Screed Primer
150 Mic DFT
- 1 x Jotafloor Screed
5 mm (Minimum) DFT
(Applied on wet primer)
- 2 x Jotafloor Topcoat 50 Mic DFT

Available in a wide range of colours.
Can be applied on to finished screed
when seeking to maintain an
exceptionally clean hygienic finish.
Note: Jotafloor Screed may be
overcoated with other products from
the Jotafloor range.
Contact your local sales office.

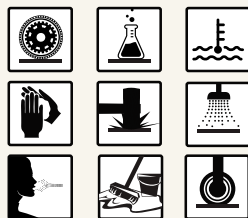
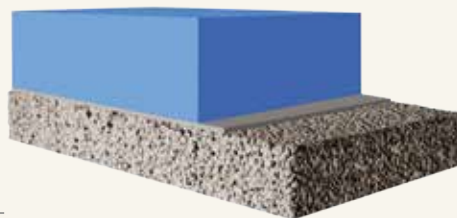


C. LABS, HOSPITALS AND KITCHENS:

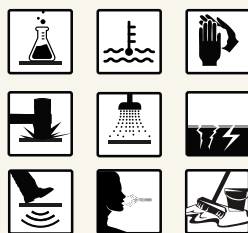
- 1 x Jotafloor Solvent Free Primer
150 Mic DFT
OR
1 x Jotafloor SF PR 150
150 Mic DFT
- 1 x Jotafloor Coating 300 Mic DFT
OR
1 x Jotafloor EPC 300 300 Mic DFT



- 1 x Jotafloor Solvent Free Primer
150 Mic DFT
OR
1 x Jotafloor SF PR 150
150 Mic DFT
- 1 x Jotafloor SL Universal
(2 to 5 mm) DFT
OR
1 x Jotafloor EPSL (2 to 5 mm) DFT



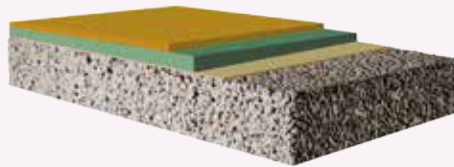
- 1 x Jotafloor Solvent Free Primer
150 Mic DFT
OR
1 x Jotafloor SF PR 150
150 Mic DFT
- 1 x Jotafloor PU Universal
(2 to 4 mm) DFT



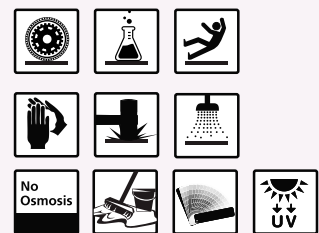
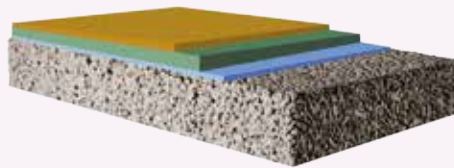


D. CAR PARKS INTERIOR / EXTERIOR, BASEMENTS, WORKSHOPS, AIRCRAFT HANGARS, RAMPS AND PARKING BAYS, GARAGES:

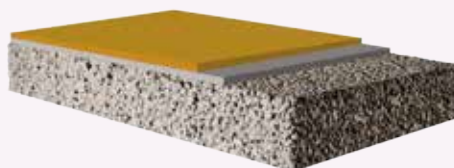
- 1 x Jotafloor Sealer 40 Mic DFT
- 1 x Jotafloor Glass Flake 300 Mic DFT
OR
1 x Jotafloor Glass Flake HS 300 Mic DFT
- Jotafloor Non-slip Aggregate
(Available in various sizes)
- 2 x Jotafloor PU Topcoat
70 Mic DFT Each



- 1 x Jotafloor Damp Bond 100 Mic DFT
 - 1 x Jotafloor Glass Flake 300 Mic DFT
OR
1 x Jotafloor Glass Flake HS 300 Mic DFT
 - Jotafloor Non-slip Aggregate
(Available in various sizes)
 - 2 x Jotafloor PU Topcoat 70 Mic DFT Each
- Jotafloor Damp Bond can be used in many different situations but has limitations relative to negative water pressure. We recommend consulting your local Jotun sales office for advice.

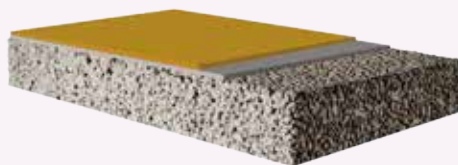


- 1 x Jotafloor Solvent Free Primer
150 Mic DFT
OR
1 x Jotafloor SF PR 150 150 Mic DFT
- Jotafloor Non-slip Aggregate
(Available in various sizes)
- 2 or 3 x Jotafloor PU Topcoat 70 Mic DFT Each
(A flexible system for low volume traffic)

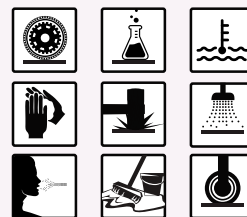
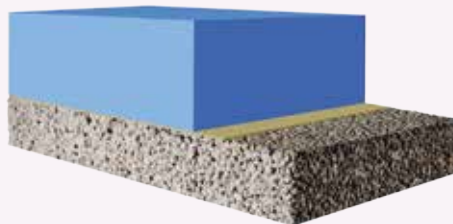




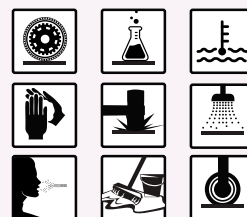
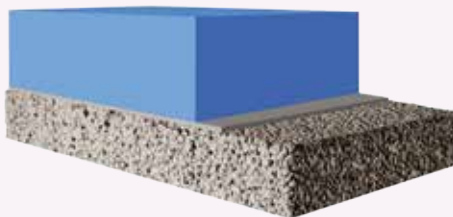
- 1 x Jotafloor Solvent Free Primer
150 Mic DFT
OR
- 1 x Jotafloor SF PR 150
150 Mic DFT
- Jotafloor Non-slip Aggregate
(Fine and Medium)
- 2 x Jotafloor Topcoat 50 Mic
DFT Each

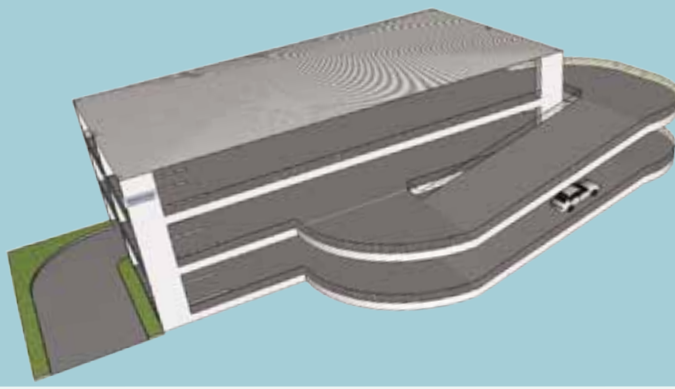


- 1 x Jotafloor Sealer 40 Mic DFT
- 1 x Jotafloor SL Universal
(2 to 5 mm) DFT Each
OR
- 1 x Jotafloor EPSL (2 to 5 mm) DFT



- 1 x Jotafloor Solvent Free
Primer 150 Mic DFT
OR
- 1 x Jotafloor SF PR 150
150 Mic DFT
- 1 x Jotafloor SL Universal
(2 to 5 mm) DFT
OR
- 1 x Jotafloor EPSL
(2 to 5 mm) DFT

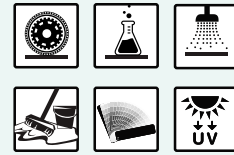
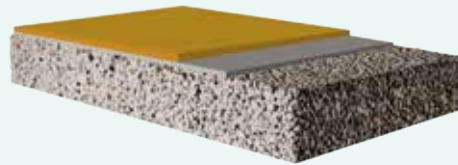




E. TRAFFIC DECK SYSTEM:

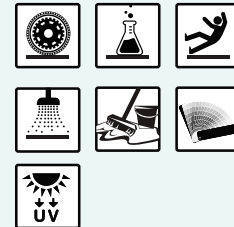
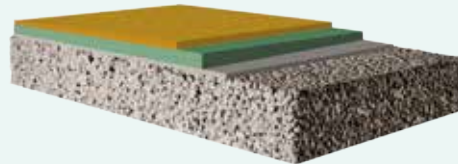
Jotafloor Light Traffic Deck System (Parking Bay ■)

- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
- 2 x Jotafloor PU Topcoat 70 Mic DFT Each



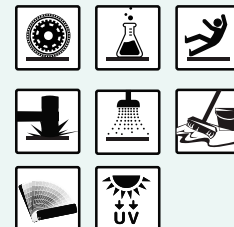
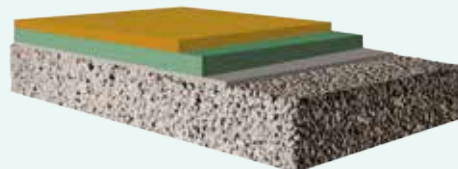
Jotafloor Medium Traffic Deck System (Driveway ■)

- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor Glass Flake 300 Mic DFT
OR
- 1 x Jotafloor Glass Flake HS 300 Mic DFT
- Jotafloor Non-slip Aggregate (Fine and Medium)
- 2 x Jotafloor PU Topcoat 70 Mic DFT Each



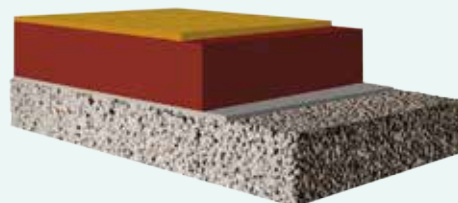
Jotafloor Heavy Traffic Deck System (Ramps ■)

- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor Glass Flake 400 Mic DFT
OR
- 1 x Jotafloor Glass Flake HS 400 Mic DFT
- Jotafloor Non-slip Aggregate (Fine and Medium)
- 3 x Jotafloor PU Topcoat 70 Mic DFT Each



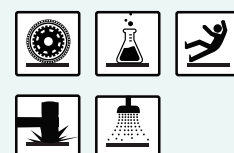
Traffic Deck System Membrane (ASTM C 957)

- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jotafloor PU Universal (800 - 1300) MIC DFT
- Jotafloor Non-slip Aggregate (Fine and Medium)
(Contact local Jotun office for application)
- 2 x Jotafloor PU Topcoat 70 Mic DFT Each



Traffic Deck System – Bus and Trucks

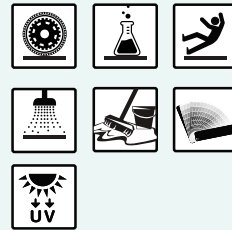
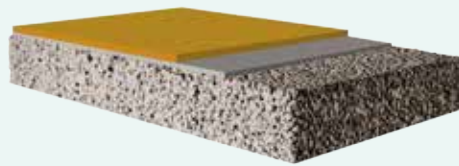
- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
- 1 x Jotafloor SF PR 150 150 Mic DFT
- 1 x Jota Armour 3 mm



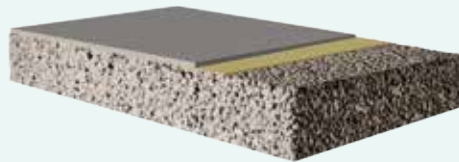


F. PEDESTRIAN WALKWAYS:

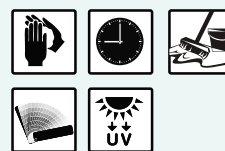
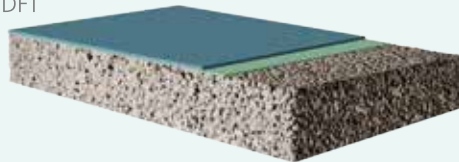
- 1 x Jotafloor Solvent Free Primer 150 Mic DFT
OR
1 x Jotafloor SF PR 150 150 Mic DFT
- Jotafloor Non-slip Aggregate (Fine and Medium)
- 2 x Jotafloor PU Topcoat 70 Mic DFT Each



- 1 x Jotafloor Sealer 40 Mic DFT
- 2 x Jotafloor Topcoat 50 Mic DFT Each (No UV exposure)

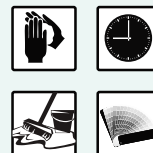
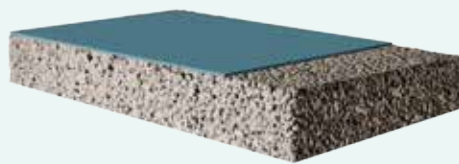


- 1 x Jotafloor Sealer WB 20 Mic DFT
- 2 to 3 x Jotafloor Rapid Dry WB 35 Mic DFT Each

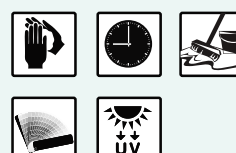
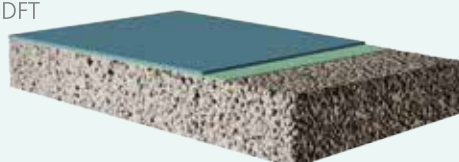


G. EXHIBITION HALLS, IN-HOUSE EVENTS, SPORTS VENUES, OPEN DAYS CONCERTS:

- 2 x Jotafloor Rapid Dry 35 Mic DFT Each (First coat diluted by 20%)



- 1 x Jotafloor Sealer WB 20 Mic DFT
- 2 to 3 x Jotafloor Rapid Dry WB 35 Mic DFT Each



WHERE YOU CAN FIND US

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