YOUR SPECIALIST IN CHIPBOARD



DMPS

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Short lines, fast delivery, strong quality

INTRODUCTION

DMPS was created from the need for rapid, custom-made solutions in the warehouse industry. We specialize in **38 mm chipboard -** the perfect choice for strong, reliable floor and wall panels.
With our fast and personal service, specialist knowledge, customization, flexibility, and reliability, we truly make a difference. As an international partner, we deliver worldwide.

Enter our production facility and witness innovation in motion.
Using advanced CNC-controlled machinery, we manufacture and machine panels entirely according to our customers' specifications.

Sustainability and corporate social responsibility (CSR) are our top priorities. With our FSC® (FSC-C130114) and PEFC (PEFC/30-31-825) certifications, we actively support global
forest conservation and responsible forest management.
All the wood we use is sourced from sustainable, certified suppliers.



Chipboard is made from small wood fibers bonded together with glue, creating a strong, flexible, and highly functional material used in a wide range of construction applications.

As one of the most widely used wood-based products, chipboard is valued for its versatility and reliability. We supply high-quality floor panels that stand out for their strength, ease of installation, and long-lasting durability.

Thanks to their quick and easy installation, you'll save not only time but also labor costs. We work as efficiently as possible and minimize material waste.

Our floor panels are remarkably strong and have proven their quality and reliability in the warehouse industry for more than 30 years.

WHY CHOOSE US?

As a small company, we know our customers personally and work closely with them to create solutions that truly fit their needs. With our flexible approach and fast delivery, you can always count on products that are tailored to your requirements.

Whether it's a custom-made product, a project order, or even a small order, we make sure you get exactly what you need. There is no need to buy full trailer loads or maintain your own stock.

This means:

- **Lower costs** – no investment for storage or excess inventory
- **More space** – no warehouse filled with unused materials
- **Better cash flow** – order only what you need, when you need it
- **Always custom-made** – delivered directly in the right dimensions

You benefit from the advantages of a committed partner who adapts to your needs and works together to achieve the best results.


HOMAG
GALAXY 125
WARNING
DO NOT CLIMB

PRODUCT OVERVIEW

Our structural chipboards, available in types P4 and P6, are specially developed for use in dry environments (Climate Class 1). Finishing with a coating or laminate is possible, but not required.

The panels combine outstanding strength and stability with a specially designed core that ensures optimal screw-holding capacity and secure fastening. They also meet the strict E1 standard for low formaldehyde emissions, making them a safe and responsible choice for indoor applications.

With fire class B–C or D and CE certification in classes P4 and P6, these chipboards are ideal for a wide range of structural uses. Unlike steel grid floors, they offer natural insulation, contributing to a more comfortable and energy-efficient environment.


FitToday.



LOAD CAPACITY

To ensure maximum permissible load and tension values,
we recommend using **500 kg/m²**.
(in accordance with the Building Decree).

LONG-TERM LOAD, UP TO 10 YEARS, CLIMATE CLASS 1

A minimum of three spans along the length of the floor panel is required.
Uniformly distributed load according to Eurocode 5, with a maximum deflection of ***f L/250*** *or* ***6 mm****, whichever is smaller.*
Effective surface point load 50×50 mm, with a maximum deflection of ***L/100*** *or* ***6 mm*** *(EN 12871).*

plate length	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	mm
centre - to - centre distance	400	450	500	550	600	650	700	750	800	850	900	950	1000	mm
P6 distributed load	5494	4256	3017	2375	1733	1444	1155	866	714	581	503	425	347	kg./m2
P6 point load	591	576	561	540	520	499	479	459	367	316	272	228	183	kg.
P4 distributed load	3129	2360	1590	1249	907	754	601	449	357	296	251	207	163	kg./m2
P4 point load	357	357	357	347	336	302	268	234	194	173	156	139	122	kg.

1 span; 1 field spans are often used at the ends, with floor panel through-connections.

plate length	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	mm
centre - to - centre distance	400	450	500	550	600	650	700	750	800	850	900	950	1000	mm
P6 distributed load	3119	2350	1580	1239	897	744	591	438	357	296	251	207	163	kg./m2
P6 point load	591	576	561	520	479	445	411	377	347	285	245	204	163	kg.
P4 distributed load	1641	1233	826	642	459	377	296	214	173	143	119	95	71	kg./m2
P4 point load	357	341	326	301	275	255	234	214	173	143	122	102	82	kg.

1 kg = 9.81 N = 0.0981 kN
Point load maximum once per m².
Effective loads apply only when the long sides of the panel are glued, and end joints must be properly supported.
The tables above are intended for preliminary studies and do not replace a full structural stability calculation.
For pump trucks, all wheels must be tandem.

SHORT TERM LOAD OR TRANSPORT PERIOD (LESS THAN A WEEK)

A minimum of three spans along the length of the floor panel is required.
Uniformly distributed load according to Eurocode 5, with a maximum deflection of **L/250** or **6 mm**, whichever is smaller.
Effective surface point load 50×50 mm, with a maximum deflection of **L/100** or **6 mm** (EN 12871).

plate length	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	mm
centre - to - centre distance	400	450	500	550	600	650	700	750	800	850	900	950	1000	mm
P6 distributed load	9908	8119	6330	5071	3812	3180	2548	1916	1570	1295	1118	941	765	kg./m2
P6 point load	1060	1035	1009	973	938	914	890	866	826	703	601	499	398	kg.
P4 distributed load	5984	4903	3823	3180	2538	2110	1682	1254	1019	836	717	598	479	kg./m2
P4 point load	744	734	724	703	683	673	663	652	550	499	455	411	367	kg.

1 span; 1 field spans are often used at the ends, with floor panel through-connections.

plate length	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	mm
centre - to - centre distance	400	450	500	550	600	650	700	750	800	850	900	950	1000	mm
P6 distributed load	6595	5036	3476	2732	1988	1651	1315	979	795	652	561	469	377	kg./m2
P6 point force	1060	1035	1009	938	866	809	751	693	652	612	530	449	367	kg.
P4 distributed load	3986	3150	2314	1809	1304	1077	849	622	499	398	336	275	214	kg./m2
P4 point load	744	688	632	576	520	486	452	418	387	367	319	272	224	kg.

1 kg = 9.81 N = 0.0981 kN
Point load maximum once per m².
Effective loads apply only when the long sides of the panel are glued, and end joints must be properly supported.
The tables above are intended for preliminary studies and do not replace a full structural stability calculation.
For pump trucks, all wheels must be tandem.

FINISHING

For mezzanine floors, we offer a wide range of high-quality finishes. Thanks to the high density of the base plate and the strongly bonded top layers, our floors provide excellent load-bearing capacity.

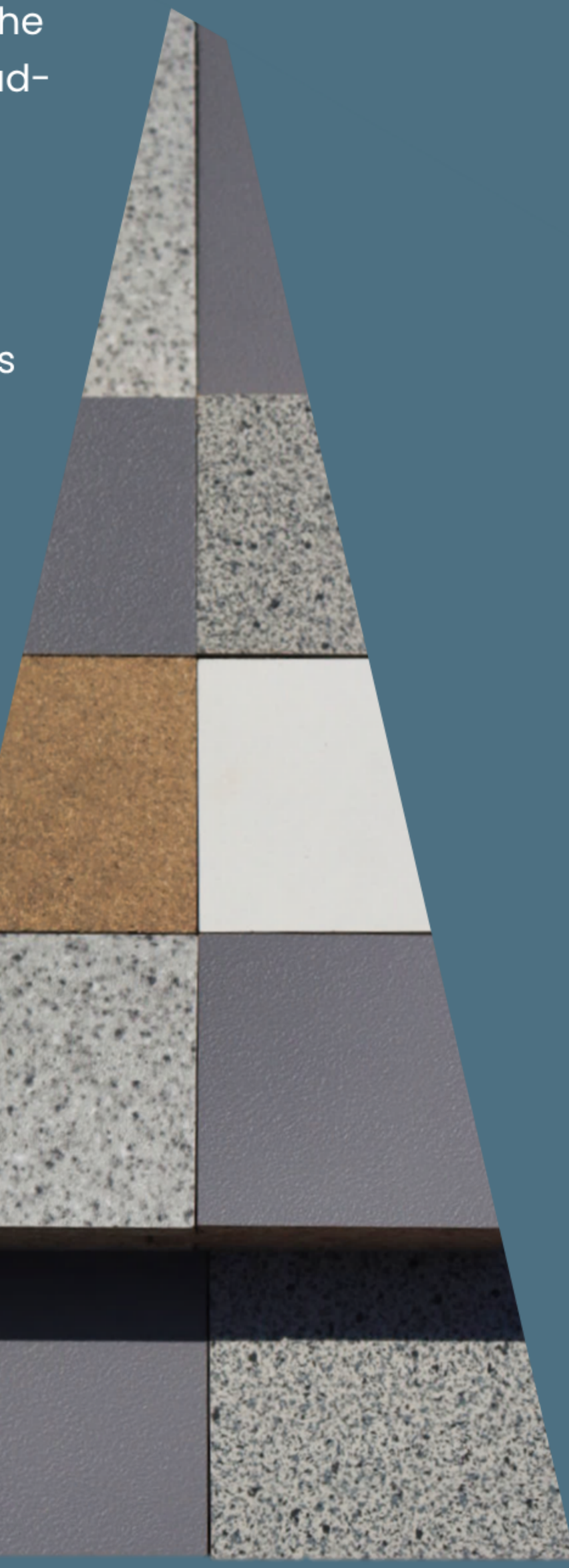
Bottom (ceiling side)
The white bottom finish significantly increases light reflection, creating a bright and spacious atmosphere. This allows for reduced intensity or spacing of light points, resulting in lower energy consumption. Additionally, the white bottom is easy to clean with a slightly damp cloth.

Top (walking side)
For the top surface, we offer several options depending on the desired appearance and functionality:

- **Untreated** - natural wood look
- **Concrete look grey** - anti-slip finish
- **Granite** - anti-slip finish
- **Granite** - fire-retardant, anti-slip finish

Our anti-slip finishes have a rating of R10, ensuring safe use.

For more detailed information on the available finishes, please refer to the product specifications.



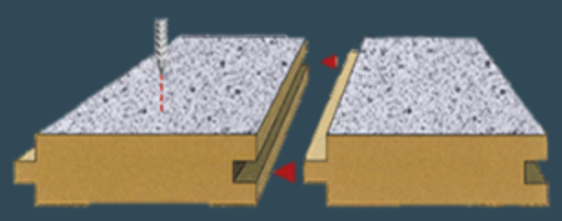
EDGE FINISHING

We offer various edge finishes:
groove – fixed tongue & groove – loose spring.

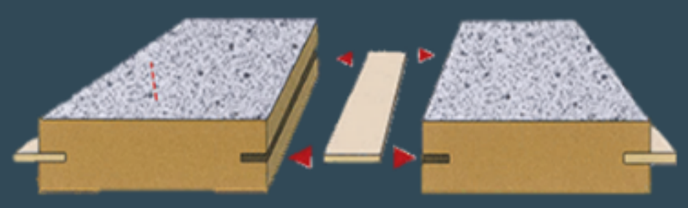
These edge finishes enhance both strength and load-bearing capacity while making installation fast and straightforward. The integrated dust chambers ensure a seamless fit between panels, reducing uneven surfaces and helping to prevent damage during use.



Groove with fixed tongue



Groove with loose spring



To prevent cracking caused by changing loads, we recommend gluing the seams.

Applications

All our chipboards combine high density, a finely sanded surface, and a decorative, wear-resistant top layer (except for the natural finish). They provide excellent thermal insulation and sound reduction, and their specially modified core makes them perfect for screws and various fastening systems.
Certified to the strict E1 standard for low formaldehyde emissions and meeting ChemVerbotsV E05 requirements, our panels are safe, responsible, and built to last.

Beyond their technical performance, the panels are durable and environmentally friendly.
Versatile and strong, these panels are ideal for a wide range of dry environments and heavy-duty, load-bearing applications. They are used in structural floors, access floors, mezzanine floors, walls, roofs, and other demanding projects.

Because we saw and mill everything in-house, we can deliver panels in any size or finish, ensuring fast and efficient installation. Our P4 finish is also ideal for shelves, floor panels, pallet racks, and wall panels.



P4

The P4 chipboard is a reliable choice for a wide range of construction applications in dry environments.

With its high density and stable core, the panel offers excellent load-bearing capacity and is ideally suited for screws and other fastening systems.

The P4 is versatile and is often used in mezzanine floors, walls, roofs, shelves, and pallet racks.

Technical information	Test	unit	Thickness range
P4			38
Bending force	EN310	N/mm2	9
Elasticity	EN310	N/mm2	1500
internal band	EN319	N/mm2	0,2
swelling 24h	EN317	%	14
formaldehyde emission class			E1
Tolerance on thickness	EN324-1	mm	± 0,3 mm
Tolerance on length and width	EN324-1	mm	± 1 mm
Diagonal tolerance	EN324-2	mm/m	± 1 mm



The finish of this panel is available in Natural/White and Natural/Natural

P6

While our P4 chipboard already guarantees strength and versatility, the P6 chipboard goes one step further.
Thanks to its higher density and improved moisture resistance, this panel is designed for the heaviest loads and long-lasting performance.

Why choose P6 instead of P4?

- **Higher load capacity** – designed for intensive and structural applications.
- **Improved stability** – less deformation under heavy or prolonged loads.
- **Available** in multiple anti-slip variants.

Typical applications include mezzanine floors and load-bearing structures that require maximum strength.

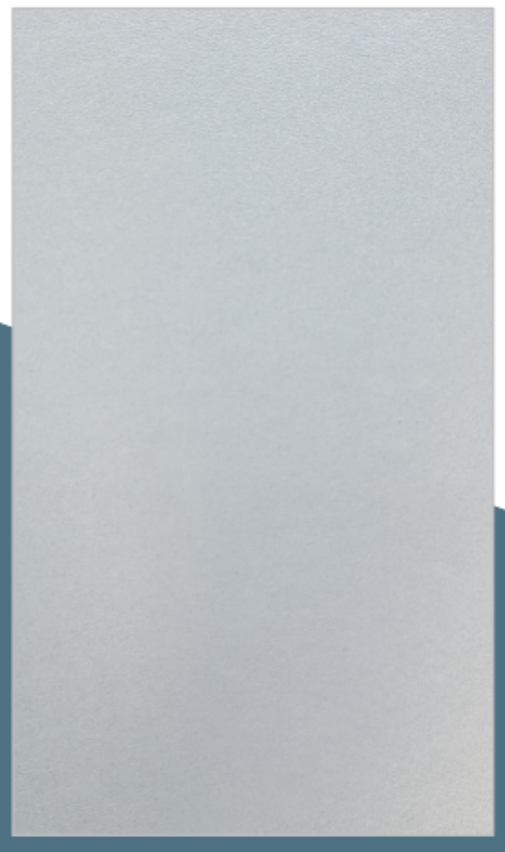
Technical information	Test	unit	Thickness range
P6			38
Bending force	EN310	N/mm2	14
Elasticity	EN310	N/mm2	2200
internal band	EN319	N/mm2	0,3
swelling 24h	EN317	%	14
formaldehyde emission class			E1
Tolerance on thickness	EN324-1	mm	± 0,3 mm
Tolerance on length and width	EN324-1	mm	± 1 mm
Diagonal tolerance	EN324-2	mm/m	± 1 mm





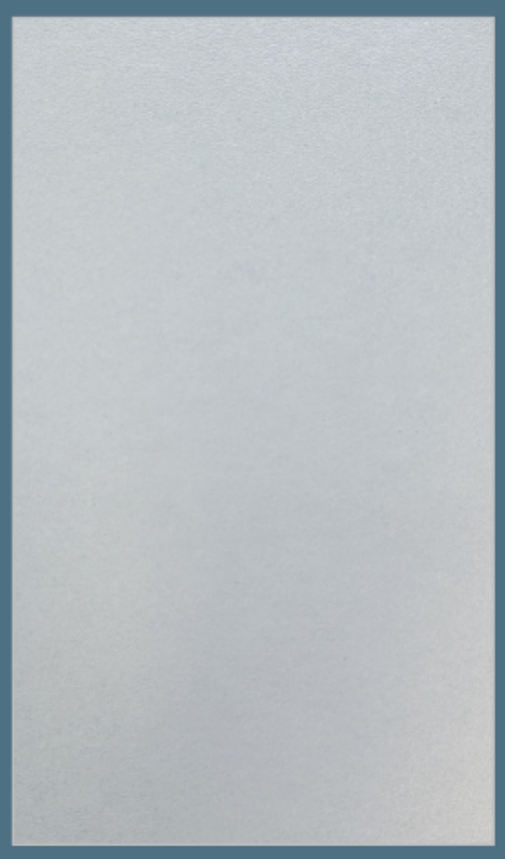
Naturel/ White R9 (Dfl-S1,d0 & Cfl-S1,d0)





Concrete look grey/ white, anti-slip R10 (Cfl-S1,d0)





Granite/ white anti-slip R10 (Cfl-S1, d0 & Bfl-S1, d0)

FIRE SAFETY

Every second counts when a fire breaks out. The slower a fire spreads and the less smoke it produces, the more time there is to evacuate safely and limit property damage.

For this reason, building materials are tested and classified according to EN 13986 and EN 13501-1 (Euro fire classification). These standards assess two key aspects of fire safety:

- **Fire reaction** – how quickly a material ignites and spreads fire
- **Fire resistance** – how long the material maintains its structural function during a fire

But what do these classifications mean?

7 main classes according to the European standard

A1	Does not contribute to fire at all
A2	very limited contribution to fire
B	flammable with very little contribution to fire
C	flammable with little contribution to fire
D	flammable with average contribution to fire
E	flammable with (very) high contribution to fire
F	easily flammable, no performance requirements

Smoke intensity

S1	Produces little or no smoke
S2	Emits a significant amount of smoke
S3	Produces substantial smoke

Flammable droplet

d0	No flaming droplets or particles are produced
d1	Some flaming droplets or particles are produced
d2	A large number of flaming droplets or particles are produced.

FIRE RETARDANT OPTIONS

At DMPS, we offer two types of fire retardant panels, both with the same fire classification (**Bfl-s1, d0** (top) / **B-s1, d0** (bottom). We are happy to explain the differences.

Pyroex panels contain added mineral salts, making them fully fire-retardant.

Flameprotect panels feature a fire-retardant melamine finish on both the top and bottom. These panels combine the benefits of high-density, load-bearing chipboard with a finely sanded surface, while providing enhanced safety in the event of a fire.

The addition of fire retardants reduces the burn-through rate of the base chipboard, increasing fire resistance and, in some cases, helping to prevent the spread of fire. The panels also have excellent mechanical properties, with a specially designed core suitable for screws and various fastening systems.



STORAGE

When storing the panels, we recommend stacking them horizontally on a hard, flat surface.
Direct contact with the ground should be avoided, and the panels must always be protected from moisture.
Store them only in dry, well-ventilated areas.

It is important to note that the expansion and contraction of chipboard are directly related to its moisture content, which should not exceed 65%.

We recommend delivering the floor panels to the installation site at least one week in advance, provided the space meets the specified requirements. This allows the floor panels to acclimatize properly and ensures optimal performance during installation.



Interested in samples?
Get in touch with us today!

DID YOU KNOW!

Our chipboard is not only ideal as a load-bearing element in mezzanine floors, but it is also particularly well-suited for use in walls.
The material's high density and compact fiber structure provide excellent structural properties, including high screw retention and tensile strength. This makes the chipboard perfect for non-load-bearing and semi-load-bearing wall systems where additional support is required. Examples include non-residential buildings, workshops, retail spaces, or storage areas where objects or installations need to be mounted.

For added convenience, the chipboard is also available with a smooth white coat. This finish eliminates the need for plastering or painting, saving time and labor costs. In addition, the surface is easy to clean, providing a durable, low-maintenance solution — ideal for environments where hygiene and cleanliness are important.

Its dimensional stability ensures a smooth final result and efficient processing.

In short: a versatile chipboard solution that goes far beyond flooring applications!

Scan me