

Popular massive

with general building inspectorate approval

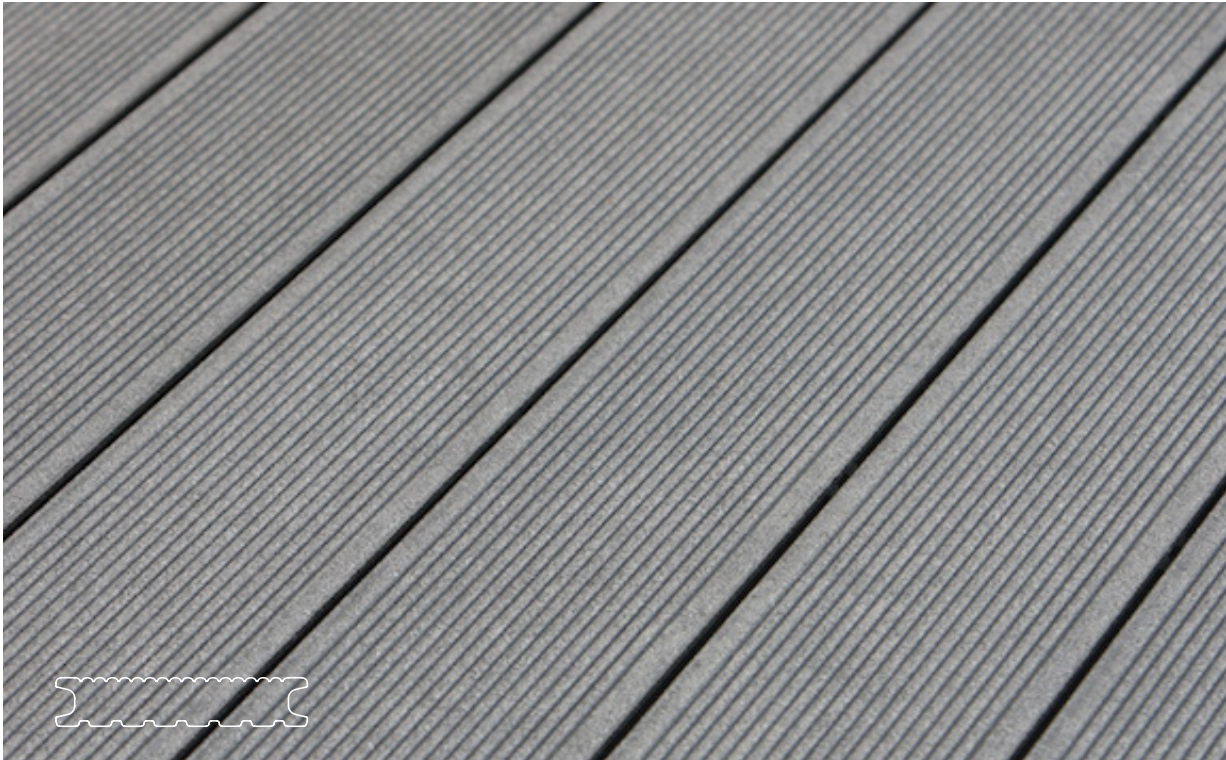
Status December 2021



**TESTED &
APPROVED**

POPULAR massive
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inspectorate approval

POPULAR massive



Our classic deck

POPULAR massive is, as the name says, a massive deck that has provided a relaxed, leisurely atmosphere on numerous patios and balconies for many years. The fact that it can now also be used as a regulated building product following approval will certainly increase its popularity even more.

General building inspectorate approval

As a specialist for wood composite systems "Made in Germany", we have received general building inspectorate approval (no. Z-10.9-484) for our POPULAR massive patio deck. The German Institute for Construction Technology in Berlin (Deutsches Institut für Bautechnik - DIBt) has granted approval for the first time to a wood composite material (also called WPC) without the approval referring to a connected covering. We are very pleased with the approval from the DIBt because this means that our patio deck can be laid as a load-bearing floor in outdoor areas without any restrictions – even in public buildings. For our customers, this means a great deal of planning security, and it expands the application areas to balconies, roof terraces, loggias, stairs, and stair landings without any extra measures to protect against falling through. In combination with our joint profile tube it is additionally possible to ensure that no items can fall through the cracks - a perfect solution for balconies in apartment buildings.

Characteristics

with general building
inspectorate approval
Can be used on both sides
particularly slip-resistant

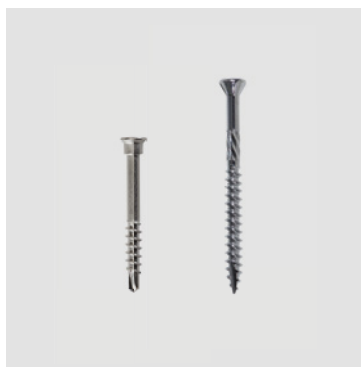
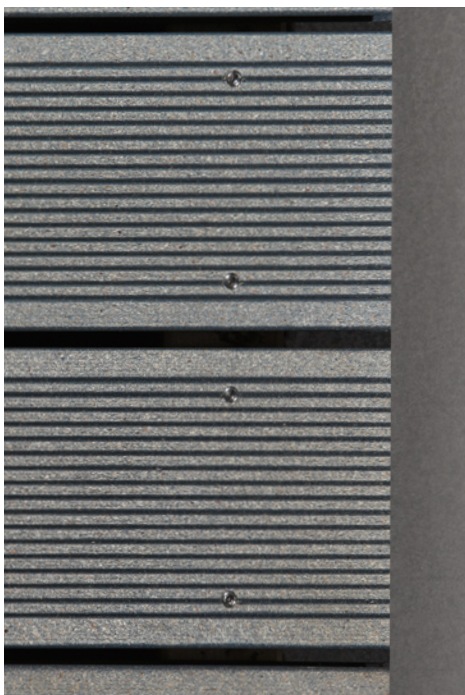
Laying in compliance with approval

According to the general building inspectorate approval number Z-10.9-484, the POPULAR massive patio deck can be used as a load-bearing floor for roof terraces, arcades, loggias, balconies, exit platforms, and similar, as well as for stairs and stair landings in residential and office buildings in accordance with the standard DIN EN 1991-1-1/NA1, table 6.1DE, category Z, T1 and T2.

They are laid as multi-span beams (at least two-span beams) and installed so that they are visible and replaceable at all times. The installation must be done according to the specifications in the approval. The decks must be screwed together with the underlying wooden construction. The minimum support width and the minimum number of screws must also be observed according to the information of the DIBt

Format	width ca. 139 mm, height ca. 26 mm
Surface	finely striated, brushed / widely striated, brushed
Standard lengths	ca. 4 m / ca. 6 m
Special lengths	ca. 2 – 13 m at extra charge
Requirements	1 qm consists of ca. 7 metres of patio decks
Weight	ca. 3.7 kg / m
Approval No.	Z-10.9-484

Screws for the substructure



ASSEMBLY ON ALU

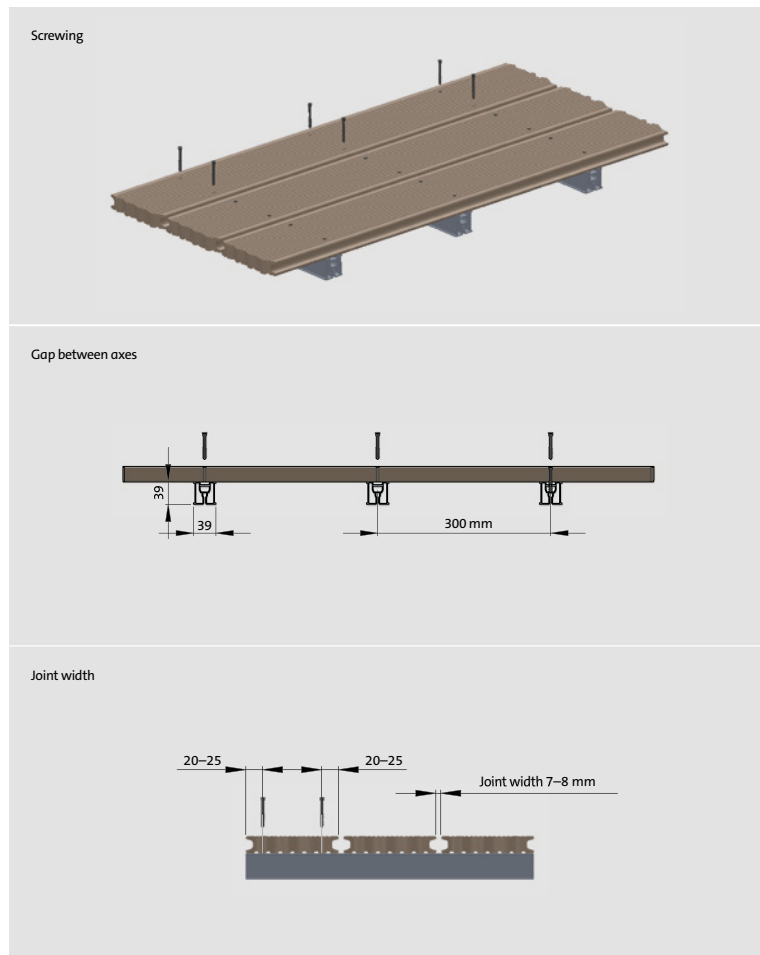
Certificate

The certificate must be made available to the applicant, the executing company and all entrusted persons. The certificate and further information on the new POPULAR massive can be found online under „Service“ at www.naturinform.de

Mounting on aluminium substructure

The POPULAR massive patio deck must be fastened to an underlying aluminium construction using screws. The decks must be pre-drilled using a drill $D=5.5$ mm. An appropriate surface must be drilled for the screw to be countersunk. The minimum support width of the end and intermediate supports, as well as the minimum number of screws per support must be correspondingly observed. The load-bearing underlying aluminium construction is not covered by the general building inspectorate approval.

With this deck you can use a joint profile tube. For laying one square metre of patio deck you require ca. 7 decks a 1 metre, depending on local conditions ca. 3 metre Systemprofile ALU, 39 x 39 mm from NATUR-inFORM and 50 screws.



Drawing:

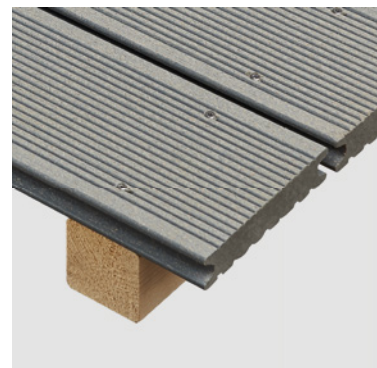
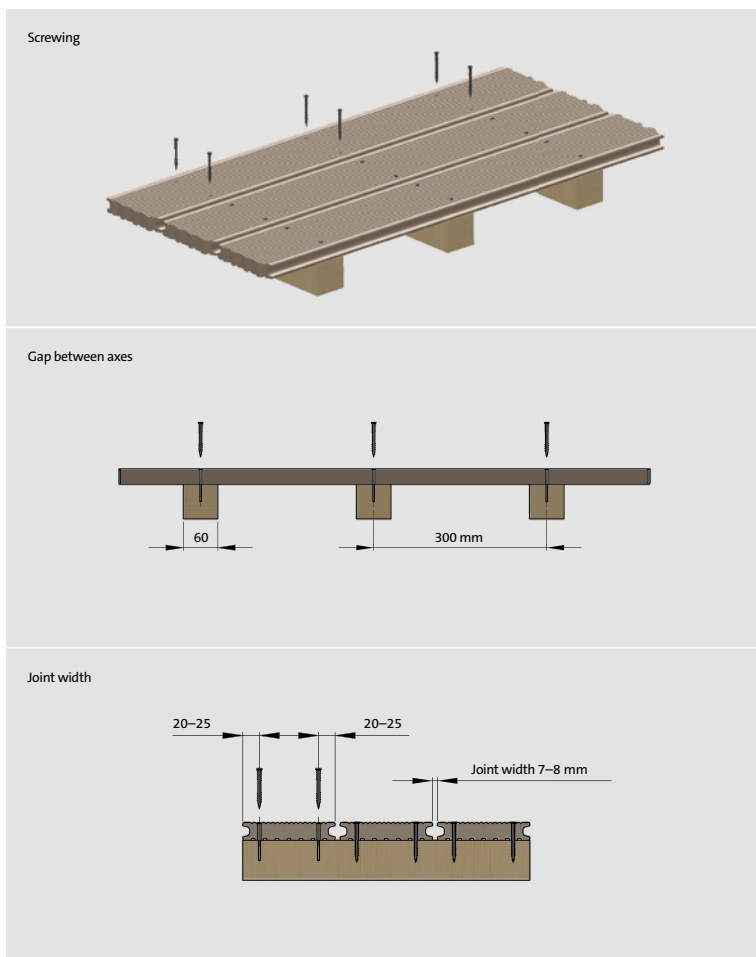
Extract from "general building inspectorate approval Z-10.9-484" of the German Institute for Building Technology (DIBt), see back page.

ASSEMBLY ON WOOD

Mounting on wooden substructure

The POPULAR massive patio deck must be fastened to an underlying wooden construction using screws. The decks must be pre-drilled using a drill $D = 5 \pm 0.5 \text{ mm}$. Make sure the screw can be countersunk using an appropriate drill. The underlying construction may be pre-drilled using $D \leq 3 \text{ mm}$. The minimum support width of the end and intermediate supports as well as the minimum number of screws per support must be correspondingly observed. The load-bearing underlying wooden construction is not covered by the general building inspectorate approval.

With this deck you can use a joint profile tube. For laying one square metre of patio deck you require ca. 7 decks a 1 metre, depending on local conditions ca. 3 metre 3 metres of wooden substructure with dimensions of 60 x 60 mm and 50 screws.



Drawing:
Extract from "general building inspectorate approval Z-10.9-484" of the German Institute for Building Technology (DIBt), see back page.

Algemeine bauaufsichtliche Zulassung/
Allgemeine Bauartgenehmigung

Nummer:
Z-10.9-484

Antragsteller:
**NATURinFORM GmbH
Flurstraße 7
96257 Redwitz a. d. Rodach**

Gegenstand dieses Bescheides:
**Terrassendielen aus Holz-Polymer-Verbundwerkstoff
Tragende Bodendielen "DIE BELIEBTE massiv"**

Gültungsdauer
vom **8. November 2019**
bis **8. August 2022**

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Der oben genannte Regelgegenstand wird hiermit allgemein bauaufsichtlich zugelassen und genehmigt.
Dieser Bescheid umfasst acht Seiten und fünf Anlagen mit 7 Seiten.
Diese allgemeine bauaufsichtliche Zulassung/allgemeine Bauartgenehmigung ersetzt die allgemeine bauaufsichtliche Zulassung Nr. Z-10.9-484 vom 8. August 2017.



Grid of 20 technical drawing sheets (Anlagen 1-20) for the product approval. Each sheet contains detailed technical specifications, diagrams, and tables. Key elements include:

- Anlage 1:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 2:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 3:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 4:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 5:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 6:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 7:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 8:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 9:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 10:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 11:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 12:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
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- Anlage 15:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
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- Anlage 19:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.
- Anlage 20:** Allgemeine bauaufsichtliche Zulassung, Zusammenfassung der wesentlichen Merkmale und Angaben zur Zulassung.