

## Technical Data

### Sikafloor® Marine KG-202 N

Properties	One component mortar
Chemical base	Polymer modified mortar
Colour	Grey
Cure mechanism	Hydraulic
Density cured (after 7 days)	0,9 g/cm³ approx.
Mixing ratio with water (by weight)	25 % – 30 %
Part of fresh cold water per packaging unit (20 kg bag)	5 – 6 liter
Consistency mixed	Plastic mortar
Application temperature (substrate)	5 – 35 °C (40 – 95 °F)
Consumption (practical) per bag of 20 kg	18 m² at 1 mm thickness
Open time <sup>1)</sup>	30 min approx.
Application thickness	8 – 100 mm
Ready to walk on <sup>1)</sup>	10 hours approx.
Compressive strength (28 days)	12 MPa approx.
Flexural strength (28 days)	5 MPa approx.
E-Modulus	2,9 GPa approx.
Shelf life and storage <sup>1)</sup>	12 months

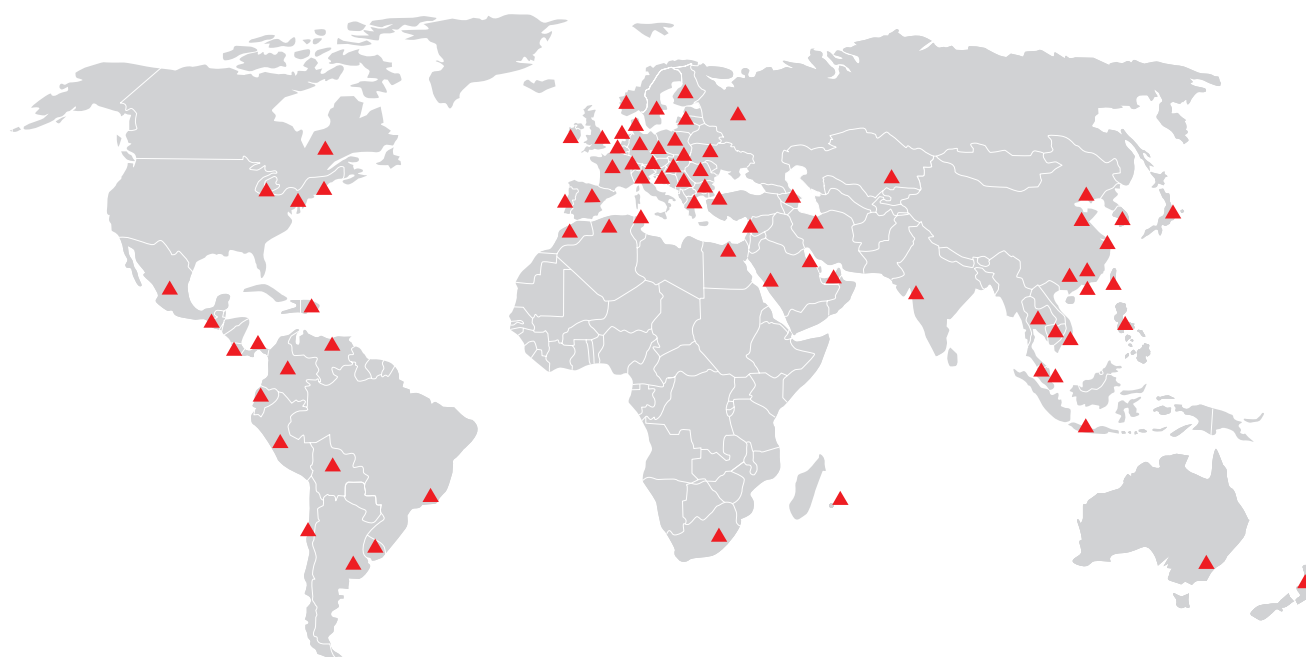
<sup>1)</sup> 23 °C (73 °F) / 50 % r.h.

### Sikafloor® Marine KG-404 N

Properties	One component mortar
Chemical base	Polymer modified mortar
Colour	Grey
Cure mechanism	Hydraulic
Density cured (after 7 days)	1,3 g/cm³ approx.
Mixing ratio with water (by weight)	23 % – 27 %
Part of fresh cold water per packaging unit (20 kg bag)	4,6 – 5,4 liter
Consistency mixed	Plastic mortar
Application temperature (substrate)	5 – 35 °C (40 – 95 °F)
Consumption (practical) per bag of 20 kg	14 m² at 1 mm thickness
Open time <sup>1)</sup>	20 min approx.
Application thickness	5 – 100 mm
Ready to walk on <sup>1)</sup>	16 hours approx.
Compressive strength (28 days)	20 MPa approx.
Flexural strength (28 days)	4 MPa approx.
E-Modulus	7,4 GPa approx.
Shelf life and storage <sup>1)</sup>	12 months

<sup>1)</sup> 23 °C (73 °F) / 50 % r.h.

## Sika Worldwide



Sika is a globally active company supplying the specialty chemicals markets. It is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting load-bearing structures in construction (buildings and infrastructure construction) and in industry (vehicle, building component and equipment production).

Sika's product lines feature high-quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring and membranes. Subsidiaries in more than 74 countries worldwide and approximately 13,500 employees link customers directly to Sika.

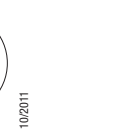
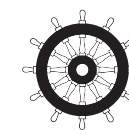


## Sikafloor® Marine KG-202 N and KG-404 N 1-Component – Non-Combustible – Pumpable – Levelling Compound



Our most current General Sales Conditions shall apply.  
Please consult the most current local Product Data Sheet prior to any use.

[www.sika.com](http://www.sika.com)



Innovation & Consistency | since 1910



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# Sikafloor® Marine KG-202 N and KG-404 N

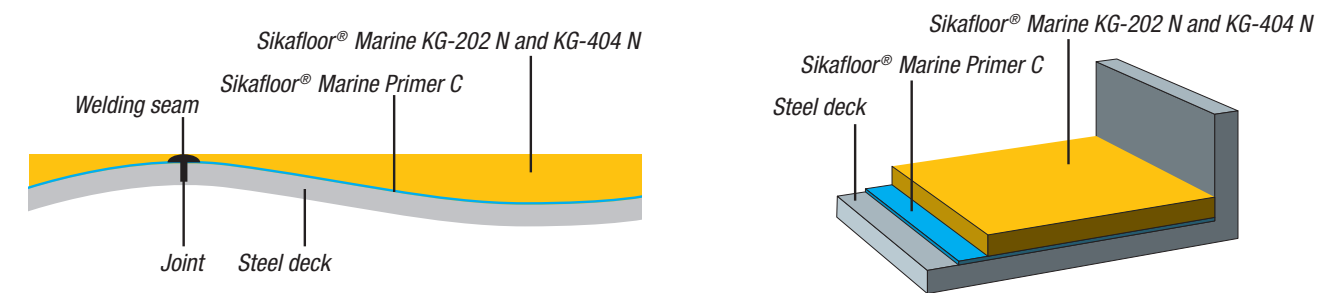
## 1-Component – Non-Combustible – Pumpable – Levelling Compound

As a global key player Sika – a supplier and partner to the marine manufacturing industry – has developed a new one component levelling solution for the steel or aluminium decks to give the applicator a timesaving way to level the decks without loosing any of the already known high quality.

Regardless the type of vessel – cruise vessel, mega yacht, offshore supply vessel/anchor handling tub supply, navy vessel and more – being build today it is important that the projects are being kept on time as well as on budget. But at the same time the yards wants to keep the same high standard or even improve the standard using better products.

### Product Description

Sikafloor® Marine KG-202 N and Sikafloor® Marine KG-404 N are two levelling compounds based on the new **one component pumpable** technology from Sika. The new pumpable solution provide cost effective benefits for the shipyard and installation team in logistics, handling and time of installation. Besides being able to save time when choosing Sikafloor® Marine KG-202 N and Sikafloor® Marine KG-404 N the new one component product can easily be mixed using only a handheld mixer or a pump.



The levelling compounds can be used as traditional levelling compounds as well as for slopes.

For use on zinc, aluminium and anti-corrosion primers containing free zinc and aluminium, please contact your local Sika company.

### Application Steps for Sikafloor® Marine KG-202 N and KG-404 N



1 Priming of steel deck with Sikafloor® Marine Primer C

2 Mixing of Sikafloor® Marine KG-202 N and KG-404 N

3 Application of Sikafloor® Marine KG-202 N and KG-404 N

4 Final floor

# Sikafloor® Marine KG-202 N

Sikafloor® Marine KG-202 N is a lightweight levelling compound used for interior decks as traditional levelling compound as well as for slopes. Sikafloor® Marine KG-202 N is a one component levelling compound used in all types of dry as well as wet accommodation areas in layers from 8 to 100 mm. The levelling compound has a good flexibility (E-modulus) which is important for avoiding cracks due to stress in the surface. Sikafloor® Marine KG-202 N has been tested as a non combustible compound and can therefore be used as such if needed.

### Technical Benefits

- One component lightweight levelling compound (density 0,9 g/cm<sup>3</sup>)
- Non combustible
- Can be applied from 8 and up to 100 mm
- Can be applied in dry as well as wet areas (interior decks)
- Very flexible with an E-modulus of 2,9 GPa
- The compressive strength is above 12 MPa
- Fast curing and walkable after 12 hours
- Extended shelf life of 12 months
- Pumpable



### Certificates

Sikafloor® Marine KG-202 N has been approved according to the IMO-regulation and carries the Wheelmark and the United States Coast Guard.



# Sikafloor® Marine KG-404 N

Sikafloor® Marine KG-404 N is a levelling compound used for interior deck as a traditional levelling compound as well as for slopes. Sikafloor® Marine KG-404 N is a one component levelling compound used for all types of dry as well as wet accommodation areas in layers from 5 to 100 mm. Sikafloor® Marine KG-404 N has been tested as a non combustible compound and can therefore be used as such if needed.

### Technical Benefits

- One component levelling compound (density 1,3 g/cm<sup>3</sup>)
- Non combustible
- Can be applied from 5 and up to 100 mm
- Can be applied in dry as well as wet areas (interior decks)
- Very flexible with an E-modulus of 7,4 GPa
- The compressive strength is above 20 MPa
- Fast curing and walkable after 16 hours
- Extended shelf life of 12 months
- Pumpable



### Certificates

Sikafloor® Marine KG-404 N has been approved according to the IMO-regulation and carries the Wheelmark and the United States Coast Guard.

