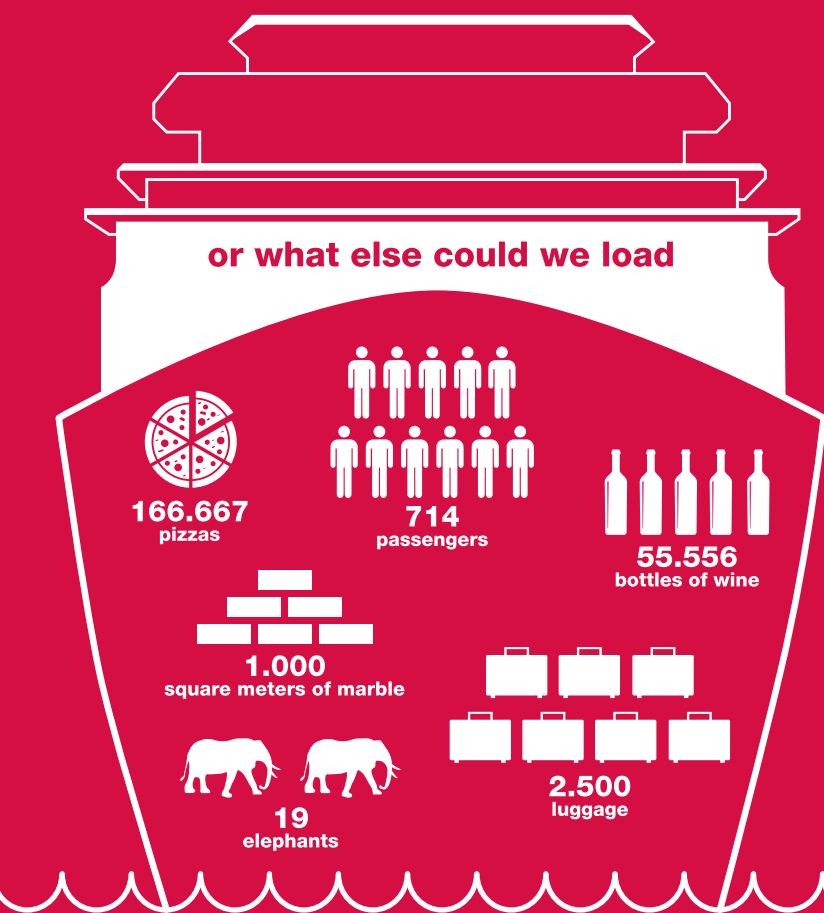


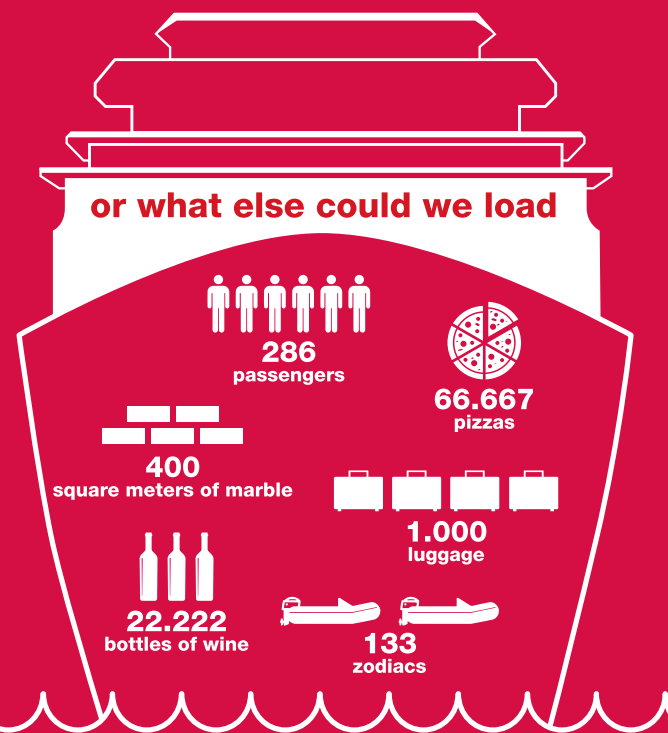
api

## Why use OUR UNDERLAYS and save weight?

case history  
Cruise Vessel 135.000 GT  
weight saving 50.000 kg



case history  
Cruise Vessel 40.000 GT  
weight saving 20.000 kg



\*Case History: Flexigel MS070 VS market underlay

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Soggetta a controllo e coordinamento di RPM Int. inc.  
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# deck coverings and resin flooring marine underlays

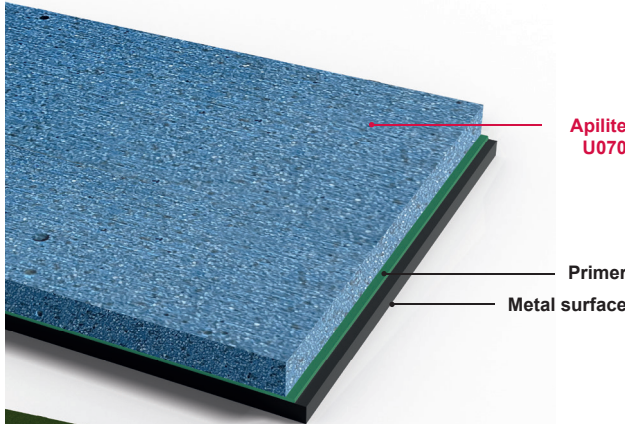
A global company for a global market.

3 production units, 4 sales offices and over 300 people between production, headquarters and field technicians working every day on new building, drydock or in service project, API is a global company structured to service seagoing cruise, yacht, ferry and commercial vessels in any location around the world.

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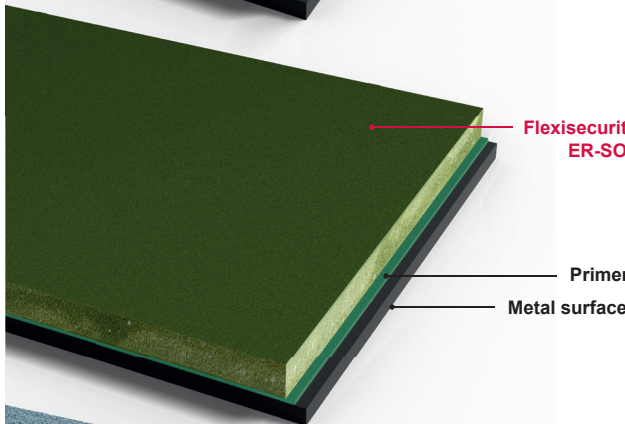




## Apilite U070 1

**Apilite U070** is a low specific weight underlay, based on tri-component epoxy resins. It protects metallic surfaces from deterioration through great adhesion to the ship substrate: it can be applied alone immediately after surface preparation, making it an ideal underlay when installation times are a concern. Ideal for heavy-duty areas painted with Flexilit and/or as an underlay for epoxy floor systems.

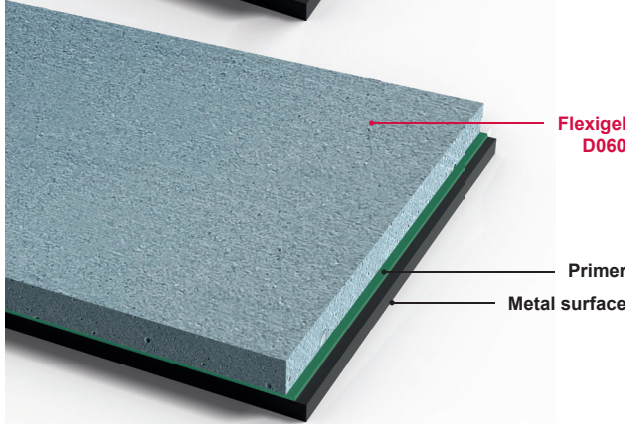
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	0.70 kg/dm <sup>3</sup>	■	



## Flexisecurit ER-SO 2

**Flexisecurit ER-SO** is a three-component epoxy flooring system derived from naval experience, with high resistance to mechanical stress. It is mainly used in all indoor areas where the floor is subject to heavy-duty use. Nevertheless, being a marine underlay, it remains constantly flexible. It can be applied directly on steel after suitable floor preparation, without primer. It is without doubt one of the best referenced epoxy underlays in the marine and naval industry.

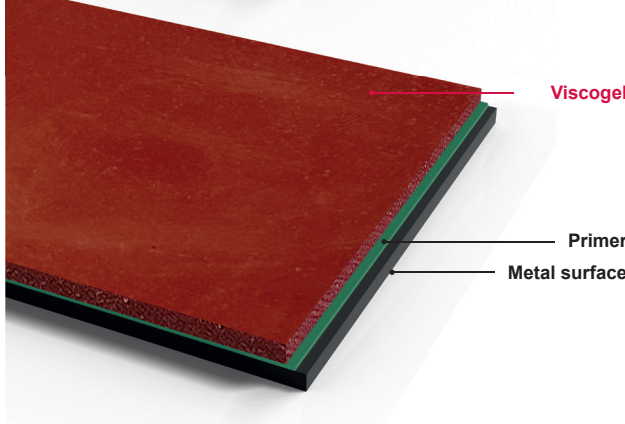
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	2.10 kg/dm <sup>3</sup>	■	



## Flexigel D060 3

**Flexigel D060** is a very light underlay with an average specific weight of 0.60 kg/dm<sup>3</sup>. Very flexible at all thicknesses and IMO-certified for application in thicknesses up to 15 mm. **Flexigel D060** is one of the products in most demand within the yacht industry and mandatory for all projects where reduced weight is essential. **Flexigel D060** has also been formulated for highly cambered decks, is easy to sand and can be applied at full thickness in a single step.

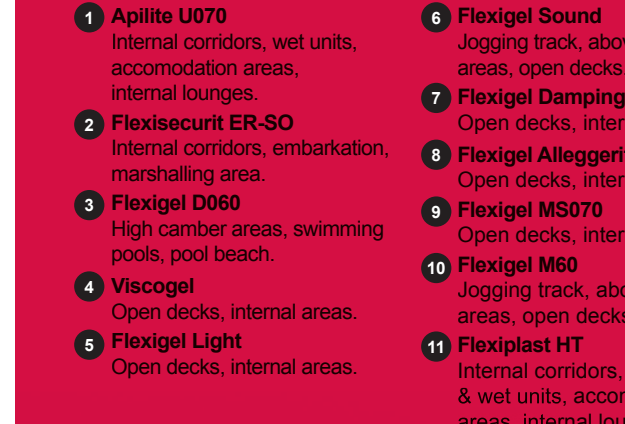
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	0.60 kg/dm <sup>3</sup>	■	■



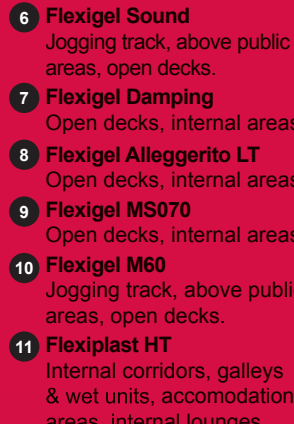
## Viscogel 4

**Viscogel** is a primary deck covering for sound damping. Its main purpose is to reduce structural vibration significantly due to its permanent viscoelastic characteristics. It is normally topped by a levelling compound (mainly *Flexigel Alleggerito* or *Flexiplast HW*) to achieve the required thickness and the necessary levelling.

CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	1.30 kg/dm <sup>3</sup>	■	■



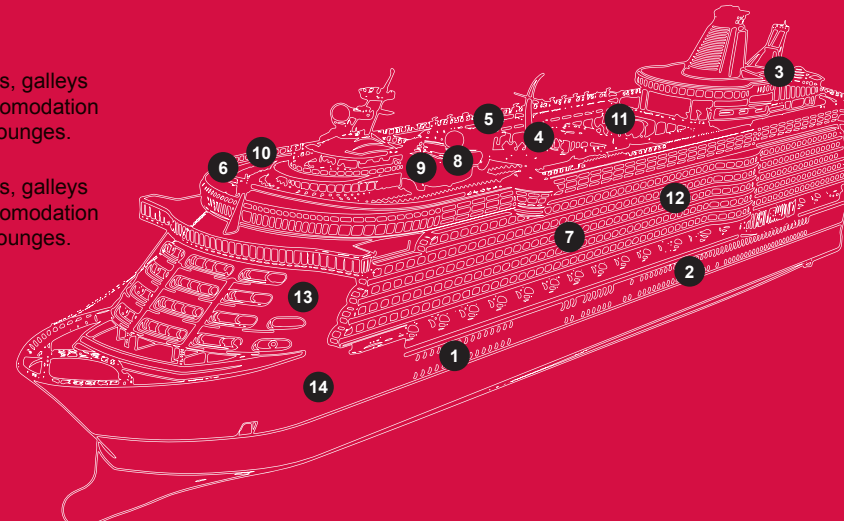
- Apilite U070**  
Internal corridors, wet units, accommodation areas, internal lounges.
- Flexisecurit ER-SO**  
Internal corridors, embarkation, marshalling area.
- Flexigel D060**  
High camber areas, swimming pools, pool beach.
- Viscogel**  
Open decks, internal areas.
- Flexigel Light**  
Open decks, internal areas.



- Flexigel Sound**  
Jogging track, above public areas, open decks.
- Flexigel Damping**  
Open decks, internal areas.
- Flexigel Alleggerito LT**  
Open decks, internal areas.
- Flexigel MS070**  
Open decks, internal areas.
- Flexigel M60**  
Jogging track, above public areas, open decks.
- Flexiplast HT**  
Internal corridors, galleys & wet units, accommodation areas, internal lounges.



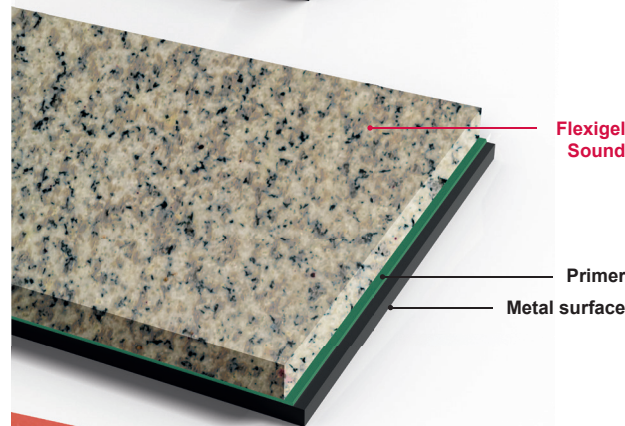
- Flexiplast LT**  
Internal corridors, galleys & wet units, accommodation areas, internal lounges.
- Flexiplast HW**  
Internal corridors, galleys & wet units, accommodation areas, internal lounges.
- Plastigel GSI**  
Wet units, accommodation areas, internal lounges.



## Flexigel Light 5

**Flexigel Light** is based on tri-component aliphatic polyurethane resins. It is a low specific weight underlay used for flexible, thick and waterproof protective coverings. It can be applied both on *Flexigel Primer Per Metalli* and on *Primer Green*, for a perfect adhesion on metallic surfaces. Suitable for open decks and interiors areas.

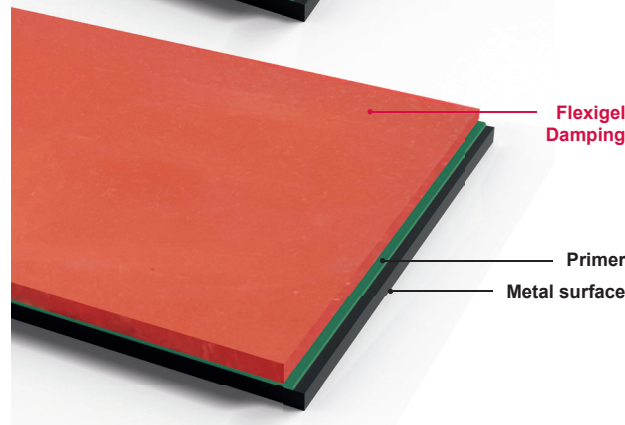
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	0.70 kg/dm <sup>3</sup>	■	■



## Flexigel Sound 6

**Flexigel Sound** is a highly elastic and flexible underlay based on aliphatic polyurethane resin. Its great viscoelastic and impact-noise reduction properties allow the surface to soften sound waves and vibrations. Generally used on all areas with specific acoustic requirements or where high-elasticity flooring is preferred, such as sport areas and jogging tracks.

CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	1.20 kg/dm <sup>3</sup>	■	■

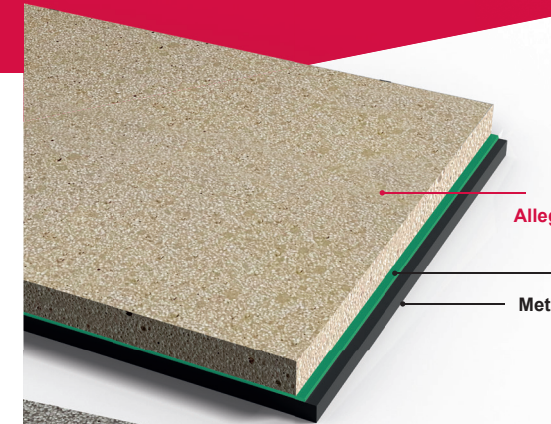


## Flexigel Damping 7

**Flexigel Damping** is an aliphatic primary deck covering for sound damping. Its main purpose is to significantly reduce structural vibration due to its permanent viscoelastic characteristics. It is used jointly with steel plates or covering by a levelling compound (mainly *Flexigel Alleggerito LT* or *Flexiplast HW*) to achieve the required thickness and the necessary levelling.

CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	1.20 kg/dm <sup>3</sup>	■	■

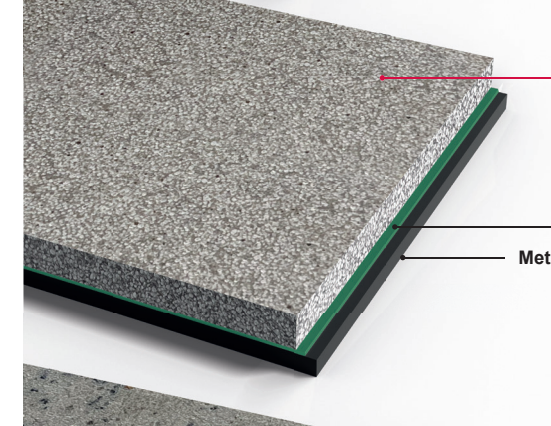
API is a leading producer and installer of resin flooring for the marine industry and since 2011 is part of RPM International Inc family, which is known internationally for its reliability and competence. Over the years, the company has developed close relationships with leading domestic and international shipowners, promoting the 'Resin' and 'Made in Italy' culture worldwide. Since 1958 API has always focused on the quality of its materials, developing IMO certified products and systems according to top safety requirements both for the environment and user during installation. The R&D team has developed over the year solutions with a high aesthetic and decorative value, making API the reference in the market.



## Flexigel Alleggerito LT 8

**Flexigel Alleggerito LT** is one of the most widely used resin underlays in the marine industry. Made of two component polyurethane resin and selected aggregates, **Flexigel Alleggerito LT** offers an excellent compromise between elasticity, viscoelastic properties and resiliency. It can be applied in a single layer to full thickness. Curing time can be adjusted according to temperature. It can be sanded to receive finishing flooring materials, most commonly resin topcoats.

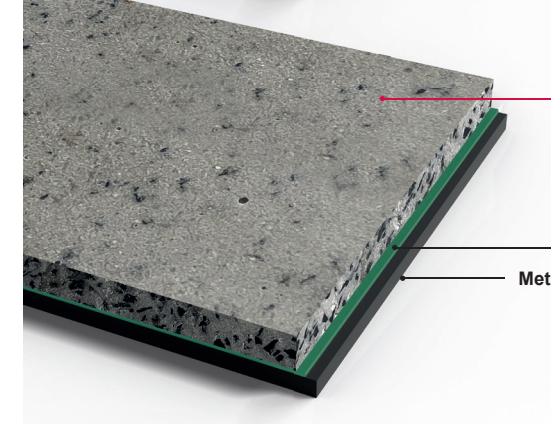
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	0.90 kg/dm <sup>3</sup>	■	■



## Flexigel MS070 9

**Flexigel MS070** is a low specific weight underlay, based on tri-component polyurethane resins, making it the perfect underlay for Flexigel application system. **Flexigel MS070** helps protect the steel surfaces thanks to its flexibility and resiliency, working as an optimal underlay for decorative topcoats. Suitable for open decks and interior decorative coverings.

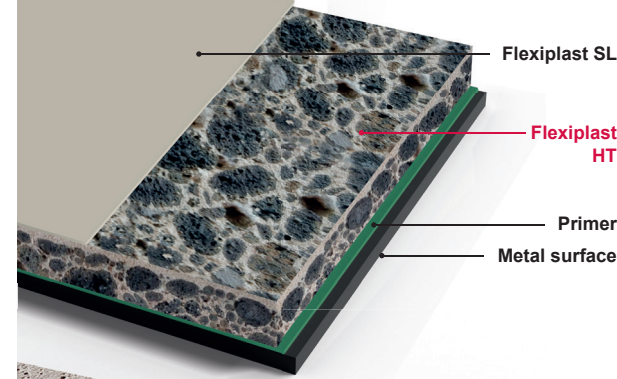
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	0.70 kg/dm <sup>3</sup>	■	■



## Flexigel M60 10

**Flexigel M60** is a highly elastic and flexible IMO-approved underlay. It has great viscoelastic and impact-noise reduction properties. Generally used on all areas with specific acoustic requirements or where high elasticity flooring is preferred, such as sport areas and jogging tracks.

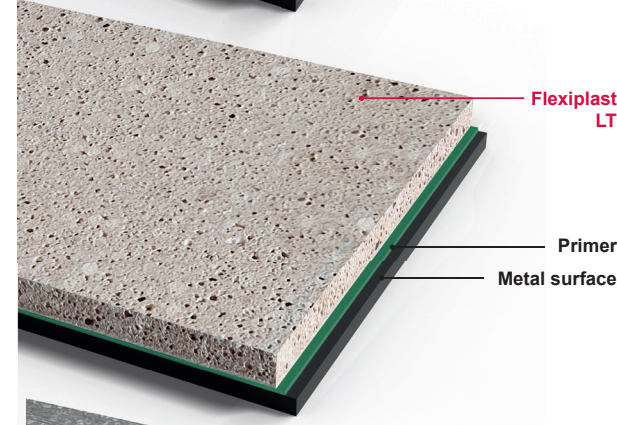
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	1.20 kg/dm <sup>3</sup>	■	■



## Flexiplast HT 11

**Flexiplast HT** is a hybrid epoxy flexible primary deck covering, perfect for high thickness, heavy-duty, indoor floors. With an average weight of 1 kg/dm<sup>3</sup> and the ability to reach very high thicknesses up to 200 mm or more, it is the ideal underlay for most heavy-duty indoor areas in a ship, whenever high thicknesses are required.

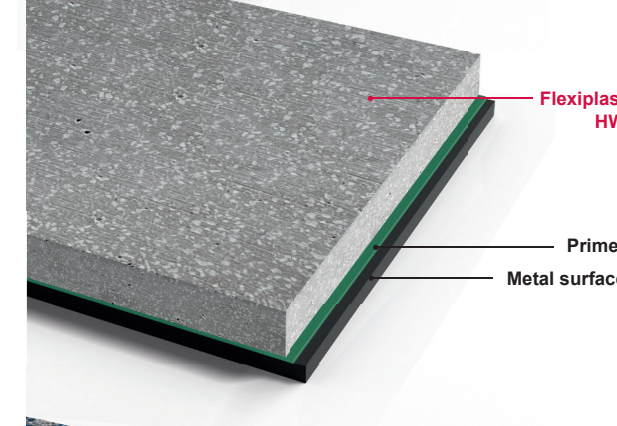
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	1.0 kg/dm <sup>3</sup>	■	



## Flexiplast LT 12

**Flexiplast LT** is a hybrid epoxy flexible primary deck covering underlay with an average weight of 0.78 kg/dm<sup>3</sup>. It is the ideal underlay for the indoor application of most traditional flooring materials such as vinyl, carpets and other finishing or coating materials.

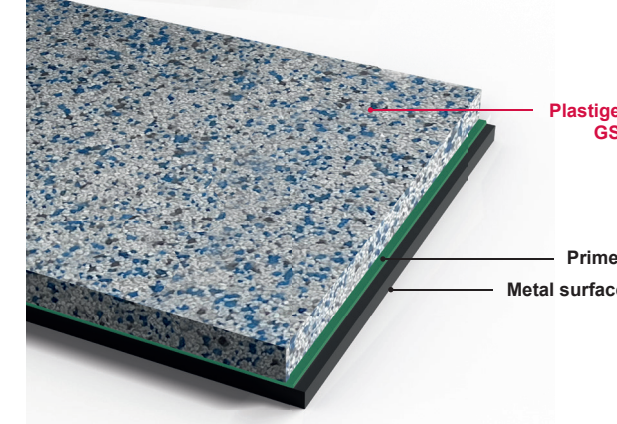
CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	0.78 kg/dm <sup>3</sup>	■	



## Flexiplast HW 13

**Flexiplast HW** is a hybrid epoxy flexible primary deck covering, highly self levelling, with a high 1.9 kg/dm<sup>3</sup> specific weight. The underlay can be applied on steel, concrete, aluminum, epoxy or polyurethane resins after correct surface preparation and the application of *Flexiplast Primer*. Suitable for heavy-duty areas, especially the noisiest ones.

CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	1.90 kg/dm <sup>3</sup>	■	



## Plastigel GSI 14

**Plastigel GSI** is an epoxy underlay-top coat. It's a high thickness deck covering, and it can be applied without the need of a top coat thanks to its pleasant aesthetics. It's ideal for areas that need high mechanical resistance and flexibility, so It's very practical for flat surfaces and vertical structures (covings and skirtings). Thanks to its adaptability, **Plastigel GSI** is a great solution for wet units, accommodations or indoor spaces.

CERTIFIED	SPECIFIC WEIGHT	USE INDOOR	USE OUTDOOR
IMO-MED	1.75 kg/dm <sup>3</sup>	■	