protective coatings and resin flooring
Api, more than 50 years of experience in resin flooring

The most important Shipowners (Carnival, Costa, Princess, Oceania, Cunard … and many others) choose Api quality
Reliability
Aesthetics
Products products in the US
Turnkey applications
Customer care

... to satisfy the most demanding needs of our clients
from research ... production ...

Turnkey solutions

... to final result ...

... application ...
Seamless flooring
Corrosion protection
Low weight
Ease of cleaning
Low scheduled maintenance
Material with resilient properties
Flexibility / elasticity
IMO certified

...are some of the main properties of API USA resin deck coverings
1. INTERNATIONAL PASSENGER MARINE INDUSTRY
   (cruise ships, super-yachts, special ships)

2. FERRY’S, TUGS, TENDERS, OFF SHOTE PLATFORMS
   (working ships and general marine applications)

3. MARINE REPAIR AND MAINTENANCE FACILITIES

4. MILITARY & COMMERCIAL SHIP BUILDING COMMUNITY
   (product introduction and contractor base)

5. INTRODUCTION TO THE US NAVY AND USCG
   (product introduction and engaging the QPL process)

6. RESIN FLOORING FOR THE INDUSTRIAL AND COMMERCIAL SECTORS
   (in conjunction with Stonhard)
TRADITIONAL FLOORS

Marine concrete underlay • Ceramic tiles • PVC • Rigid deck coverings

- Rigid material (breaking of tiles)
- Seepage of liquids in the underlay
- Lack of anti-corrosion properties
- Additional weight
- Dirt retention/ Hygiene issues
- High maintenance
- Stiffness

RESIN FLOORS

API pu and epoxy systems

- Material with resilient properties
- Seamless flooring
- Corrosion protection
- Low weight
- Ease of cleaning
- Low scheduled maintenance
- Flexibility/ elasticity
- IMO certified
Outdoor areas

flexigel decoro
FLEXIGEL DECORO SAMPLES

DECORO T34  DECORO SOFT  DECORO SYNTHETEAK
flexigel decoro - syntheteak
FLEXIGEL DECORO SYSTEM DESCRIPTION:  (*NOT IN SCALE*)

(1) Surface Preparation
(2) FLEXIGEL PRIMER PER METALLI
(3) FLEXIGEL ALLEGGERITO SOTTOFONDO with CARICA 001
(4) FLEXIGEL DECORO  (*PU top coating, i.e. background color + granules, Syntheteak*)
(5) Final treatment  (*API WAX or FLEXILIT*)
Indoor areas

flexisecurit er
flexigel autolivellante
FLEXISECURIT ER SYSTEM DESCRIPTION: *(NOT IN SCALE)*

1. Steel deck
2. FLEXISECURIT ER *(epoxy top coat)*
3. FLEXILIT SN/ANTISKID/LISCIO/C *(PU or electroconductive finishing coat)*
flexisecurit er
flexigel autolivellante
FLEXISECURIT ER SYSTEM DESCRIPTION: *(NOT IN SCALE)*

*In case leveling compound is required to even the steel surface*

(1) Steel deck
(2) FLEXIGEL PRIMER PER METALLI
(3) FLEXIGEL ALLEGGERITO with CARICA 001
(4) FLEXISECURIT ER
(5) FLEXILIT SN/ANTISKID/LISCIO/C OR ELECTROCONDUCTIVE FINISHING COAT

HIGH THICKNESS DECK COATING ON STEEL SURFACE

INDOOR AREAS
Various
Anti-Skid Surfaces

Anti-Skid Can be Adjusted to Meet Varying Needs and Applications
FLEXILIT ANTI-SKID for OPEN DECKS - SYSTEM DESCRIPTION: *(NOT IN SCALE)*

based on polyurethane finish coats for color and gloss retention

1. Steel deck
2. FLEXISECURIT ER *(Epoxy High-build Primer / Base Coat)*
3. FLEXILIT LISIO *(Polyurethane 1st Coat)*
4. Broadcast AGGREGATE *(Size and Shape Determined by Need)*
5. FLEXILIT SN/ANTISKID/LISCIO/C PU FINISHING COAT

DECK COATING ON STEEL SURFACE

OUTDOOR AREAS
Various Non-Skid Applications
Flexiplast HT is an IMO-certified underlayment for high-thickness, heavy duty, indoor floors. With an average weight of 1kg/1 and the ability to reach high thicknesses up to 50mm and more, and is ideal for Galleys. The Flexiplast HT can be finished with a Resin System or Tiles. Smooth or textured. Proven performance in the toughest environments!!
Sound and Vibration Dampening Qualities
FLEXISECURIT ER – VISCOGEL SYSTEM DESCRIPTION: *(NOT IN SCALE)*

*Sound damping system*

1. Steel deck
2. FLEXISECURIT ER
3. VISCOGEL *(PU Elastomer)*
4. Steel plates
5. FLEXIGEL ALLEGERITO with CARICA 001
6. FLEXISECURIT ER
7. FLEXILIT *(SN, ANTISKID, LISCO, C)*

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DECK COATING ON STEEL SURFACE

INDOOR AREAS

Various
protective coatings and resin flooring
Solutions for indoor
(Underlayments, Sound Dampening & High Performance)
... and outdoor
Tender garage
... into reality
API USA Value Proposition

1. Proven Products with Strong Past Performance
2. Manufactured in the U.S. to Exacting Standards (ISO and IMO Certifications)
3. Technology, Innovation, and Research & Development – RPM
4. Dedicated Resources to Support the Customer and Contractor
5. Installations – “Turnkey” Installation Teams or Technical Support
6. Construction Management Group (CMG) (train contractors and manage installations)
7. Full Line of Maintenance and Cleaning Products