Introducing a full range of HPL products engineered with the **Vision, Value** and **Versatility** you’re looking for in a high quality surfacing solution.
Vision
Nevamar High Pressure Laminates are available in hundreds of colours and styles. This selection of traditional and contemporary designs offers exactly what you need to bring your unique vision to life.

Value
Nevamar laminates are made to last. Our U.S. patented, Armored Protection® (ARP) technology protects the surface so your project will look as good tomorrow as it does today.

Versatility
Nevamar laminates are manufactured for a wide range of standard and specialty applications. These include applications such as casework, fixtures and furniture. They are the ideal surfacing solution in even the most challenging environments.

The GREENGUARD Environmental Institute (GEI) is a non-profit organization that oversees the GREENGUARD certification program. The goal of the GEI is to improve public health and quality of life by helping manufacturers build better and safer products. Panolam Industries is proud to be recognized by this organization with GREENGUARD certification on many of our products.
Innovative design, quality manufacturing and outstanding durability has made Nevamar a respected leader in the development of high pressure laminates.

For more than 60 years, Nevamar has focused on understanding and meeting the challenges our customers face everyday for finding versatile surfacing solutions. Whether you are a designer, architect, manufacturer or contractor, we have the products you need for almost any specification. Nevamar products are ideal for casework, fixtures, furniture, partitions and countertops.

We invite you to learn more about the range of products we offer and see exactly how Nevamar can deliver the vision, value and versatility you expect from a state-of-the-art HPL product.
Nevamar’s unique, patented Armored Protection (ARP) technology stands up to more abuse than similar laminate products. The result is a decorative surface that looks new longer.

The Armored Protection surface is engineered using aluminum oxide particles blended with clear resins. Together they form a protective layer that allows objects to slide over the laminate as if they were on ball bearings.

Unlike other laminates using overlays that can cloud the design, ARP’s patented process always allows the subtlety and depth of the decorative paper to show through. This dramatic clarity is never compromised by the surface protection during the serviceable life of the laminate.

Every day, Nevamar with Armored Protection proves its toughness in hospitals, hotels, restaurants, airports, retail shops and other commercial environments. This rugged performance also makes it ideal for residential installations.
ThickLam™

The unmatched strength of ThickLam makes it the preferred choice in any installation requiring a flat, freestanding, structural panel.

Available in a range of thicknesses, its sturdy, phenolic core is laminated on both sides and ready for installation without the need for a substrate. Thicklam has a proven record of performance making it ideal for lavatory and dressing room partitions, office work stations, commercial countertops and transportation vehicles.

ThickLam is manufactured to order in any Nevamar design.

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<tr>
<th>Product Number</th>
<th>D20</th>
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FRL®
Fiber Reinforced Laminate

FRL is a new and innovative wall surfacing solution. Engineered and manufactured to exacting standards, FRL will not delaminate like similar products currently available. Its solid, monolithic construction provides ease of installation, job-site workability, long-lasting style and durability year-after-year.

Available in the full range of Nevamar colours and with a Class 1 fire rating, its versatility makes it the ideal choice when specifying a product for even the most challenging installations.

Typical locations for FRL panels include hospitals, schools, fast-food restaurants, department stores and high density public spaces such as airports and mass transit facilities.
FRP Fiberglass Reinforced Plastic

FRP is a wall and ceiling panel for high traffic commercial installations requiring durability and high sanitary standards as well as moisture, mildew and chemical resistance. This is the hardworking, easy-to-clean surface you need for utility and service areas.

FRP is available in a selection of ten colours that fit with any interior style. Engineered to last, FRP won’t call attention to itself with a worn out look that can quickly appear with other surfaces. In most cases, traditional materials such as ceramic tile, stainless steel, painted drywall or concrete can’t provide the durability, ease-of-maintenance and cost effectiveness offered by FRP.

Resistant to extreme changes in temperature and humidity, FRP can be installed on most common substrates and finished with readily available seam and trim materials.

Recommended locations include:
- Commercial kitchens
- Public restrooms
- Hospitals
- Schools
- Correctional facilities
- Restaurants
- Car washes
- Meat and dairy facilities
- Coolers and freezers
- Supermarkets
- Laboratories and clean rooms
MelCor II™

MelCor II is the unique, colour-through laminate that provides continuous colour to the edges of your finished product. With MelCor II, there’s no reason for disruptive, off-colour lines to interrupt a continuous smooth design.

MelCor II can assure that the edge of your product never detracts from the overall appearance. This process gives you the opportunity to expand your creative designs. MelCor II is also available in multi-toned and sandwich colours. This feature is useful for producing interesting engraving, banding and grooved design effects.

When the edge of your design is important to the overall good looks of your product, MelCor II can deliver the solution you need.
Leatherlam®

Leatherlam combines the luxury of a top-grain leather with the durability of a premium quality laminate. Made from 100 percent leather, it is everything you are looking for in a natural hide surface at a fraction of the cost.

Leatherlam is manufactured using a patented process*. The genuine leather is thermally fused to an engineered backing to form a long-lasting decorative surface that is ideal for a wide range of applications. The surface is easy to maintain with periodic cleanings using mild soap and water. After cleaning, there are no special conditioners needed to maintain its original beauty.

Leatherlam is easy to work with and will enable you to expand your design possibilities to products and installations where natural hides are simply not practical.

*U.S. Patent 7,745,012 B2
Nevamar is committed to helping you achieve your creative vision by offering a choice of 170 colours and styles. This selection includes a broad palette of solids, unique abstracts and realistic woodgrains. In addition, most styles can be specified in a choice of textures to further enhance your finished design.

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Suggested Short Form Architect’s Specifications
Surface shall be Nevamar high pressure decorative laminates.

Product Description
SRA/S: HGS (H-3), HGP (H-4), VGP (VP-3)
FINISH: Textured
PATTERN: Number __________ Name __________

material snail equal w exceed performance stan-
dards set by wood (American National Standards
Institute)/NEMA (National Electrical Manufacturers
Association) Publication UL3-2000 for high-pressure
decorative laminates.

Grades and Thicknesses
General Purpose (HGS): Recommended for both
horizontal and vertical applications. (1.2 mm/0.049”)
Horizontal Forming (HGP): Appropriate for interior
horizontal surfaces where single axis radii are desired.
(1.0 mm/0.339”)
Vertical Forming (VGP): Appropriate for interior
vertical surfaces where single axis radii are desired.
(1.7 mm/0.028”)

Thicknesses are nominal ± 0.005”, + 0.004” for
VGP.

Basic Use: Nevamar brand laminate general purpose
grades are manufactured for application to interior
horizontal and vertical surfaces where a decorative
wear, impact and stain resistant surface is required.
Horizontal applications include surfaces of
counters, top tables, residential and commercial furniture,
vanities, case goods, and store fixtures. Vertical
applications include wall panels, laminated interior
doors, bath enclosures, toilet partitions, elevator cab
interiors, etc.

Limitations: Nevamar laminate is not recommended
for exterior use or direct application to plastered
walls, gypsum wallboard or concrete walls. Do not
use in areas exposed to temperatures in excess of
130°C (266°F). Fabrication should not be done below
18°C (65°F)

High gloss finishes and dark colours tend to highlight
surface scratches and abrasions. The above should be
considered when specifying Nevamar products.
Some products are shipped with a polyethylene
film to protect product during transit and storage.
All such products must be inspected for defects prior
to cutting or fabrication. Failure to remove the
protective film to inspect for defects prior to cutting or
fabrication is at Buyer’s risk.

Composition and Materials: Nevamar laminate is
manufactured by pressing melamine resin impreg-
nated decorative paper over layers of phenolic resin
impregnated kraft paper under closely controlled
pressures and temperatures. The back is sanded to
maintain uniform thickness and to facilitate bonding.

NEVAMAR Armored Protection Surface
All Textured Finish™ items are produced with exclu-
sive Armored Protection Surface (ARP Surface™).
These laminates have all the properties of conven-
tional laminates and they also have superior abrasion
and scuff resistance due to a very thin deposit of
micronospheric particles of aluminum oxide on the
conventional melamine layer. Armored Protection
Surface laminates have significantly better wear
value than the NEMA standard for laminates. They
also offer superior resistance to scuffing and abra-
sion and resist gloss change during use. Therefore,
Armored Protection Surface laminates tend to retain
a “brand new” appearance during most of their
useful life. All other properties meet the normal
NEMA test requirements. Consult your local Nevamar
representative or distributor for a brochure which fully
explains the benefits of these remarkable surfaces.

Sizes:
Widths — 762 mm (30”), 914 mm (36”),
1219 mm (48”), 1524 mm (60”).
Lengths — 2438 mm (96”), 3048 mm (120”),
3658 mm (144”). These are nominal dimensions, obtainable
from oversized sheets.

Installation methods: Nevamar high pressure lami-
nate should be bonded to a sure material such as
glaze laminate plywood, particleboard, MDF or metal
using adhesives and techniques as recommended by
reliable adhesive manufacturers to the requirements

Care should be taken to assure that a moisture
imbalance does not exist between Nevamar laminate
and the substrate prior to fabrication. Inside corners of
cutouts have 3.2 mm (1/8”) minimum radius edges
filed smooth to prevent stress cracking.

Forming Radio: Using suitable equipment, Nevamar
laminates may be hot formed in stocked grades to
the following minimum outside radius: Vertical Forming (VGP) 8.5 mm (1/4”), Horizontal Forming (HGP)
9.5 mm (3/8”).

*follow normal conditions used for postforming, i.e.
163°C – 177°C (325°F – 350°F).

Maintenance: Surfaces of Nevamar laminate may be
cleaned with a damp cloth and ordinary soap or
household ammoniated liquid detergent. Abrasive
cleaners should not be used. Stubborn stains may
require use of organic solvents such as alcohol, ace-
tone, ketone (MEK), lacquer thinner or paint solvent.
(NOTE: Although these flammable solvents will not
harm Nevamar, they will attack the contact adhesive
at the glue line around the edges.) Complete care
instructions available upon request.

Applicable Standards: Meets performance standards
of the following:
– EN438-3
ANSI (American National Standards Institute)
NeMa (National electrical Manufacturers
Association) Publication UL3-2005

– Federal Specifications LP 508H
Mil. Spec. P-17171C (ships)
NFP-35

Cost: Varies according to quantity, grade pattern and
finish. Nevamar representatives or distributors will
aid in quoting local prices.

NEVAMAR XTRA-Wear Surface
Nevamar XTRA-Wear Surface is produced for use
where additional wear resistance, due to scuffing and
abrasion, is required. It meets the NEMA require-
mounts for a high-wear type laminate with as much as six
times the XTRA wear value of conventional laminate.
Suitable applications for Nevamar XTRA-Wear Surface
include commercial and institutional installa-
tions, such as equipped restaurants, caterers,
convenience stores and wherever abrasion resistant
wear is a major consideration. Available on most Nevamar
designs, contact your Nevamar representative for
more information and product performance data.

NEVAMAR Fire Retardant Laminates
Classification of reaction to fire performance in
accordance with EN 13501-1:2007+A1:2009 as
B-s1, dB and as Class I when tested in accordance

UL-listed Nevamar Fire Retardant Laminate is available
in 1.2 mm (0.049”) Horizontal Grade (HGP) and 0.8
mm (0.032”) Vertical Grade (VGP). Bonded with
prescribed procedures to fire retardant particleboard
and backed with Nevamar FR backing, it provides
a Class I fire retardant panel. When bonded to fire
retardant particleboard or inorganic reinforced fire
retardant cement board using Caspocen G1149-A
and G1131-B bonding agent or Surebond Wb 1116/Wd
M-3181 or Wonderbond WB-104/WB-M-304L
(BORDEN Chemical, Inc.) Nevamar Fire Retardant
Laminates obtained the following classification in
UL-723 or ASTM E84:

FR Board
9.5 mm (3/8”)
9 mm (3/8”) or greater
FR Board
Inorganic
Cement
Board
19 mm (3/4”) or greater

Although the values shown meet requirements of
major regional and metropolitan building codes for
Class I interior finish, applicable codes should be
consulted before specifying Nevamar Fire Retardant
Laminates to be sure these values comply. Nevamar
Fire Retardant Laminates carry a Canadian and a U.S.
listing (contact Nevamar for specifics on Canadian
listing).

While Nevamar Fire Retardant Laminates can be
used anywhere for interior surfaces, the major appli-
cations include corridors, stairwells, entries, eleva-
tors, fixtures, and cabinetry as required by code
authorities. Contact us for specific information.

MelCor® II® Colour-Through Laminates
Colour-through core construction; eliminates the
“dark line” of standard laminates. Melcor II is intend-
ed for use in applications where the edge of laminates
contributes to the aesthetics of the final product. The
patented manufacturing process provides a second
generation colour-through laminate that is more
flexible and much less likely to ship than other colour-
through laminates. Melcor II colours and their corre-
sponding colours in standard Nevamar are not exact
matches. Sample evaluation is recommended. Typical
uses include high-end fireworks displays and
other decorative applications since edges and cut will
not steadily show.

Thicklam – Thick Phenolic Core Laminate
Available in thickness up to 25.4 mm (1”). Designed
for applications where the decorative surface must
contribute to the structural stability of the finished
assembly. Available in the following configurations:
decorative both sides; decorative one side, glueable
one side; glueable one side, glueable both sides.
Available with black or brown edge. Typical uses
include toilet and dressing room privacy partitions,
tabletops, doors, work stations, wall panels and
desks.

Additional Products
In addition to the laminate products mentioned
above, Nevamar also manufactures specialty grades
in chemical resistance, static dissipation, raised
access floor tile, as well as backing sheets and
cabinet liner. Call for information.

Technical Services
Nevamar has trained sales personnel available to
answer questions. Contact Nevamar Technical Service
Department. Phone: 001 203-225-0005.

www.nevamar.co.uk

Nevamar Finish Options

B Leather Provides the supple beauty of aged leather.
CA CHEMARMOR – Chemical resistant textured finish.
CR Crystal – Subtle dimensional surface texture with high
tight reflectivity.
E Textured without Armored Protection – Satins
woodgrains, patterns and solids with a fine graining.
G Ultras – Ultras surface. Shipped with a protective
polyethylene film.
H High Luster Non textured, highly reflective finish.
PV Polished Velvet – Semi-gloss, minutely grained finish.
T Textured with Armored Protection – Satins
woodgrains, patterns and solids with a fine graining.
V Velvet – Smooth, finely grained finish.
Z Ashwood – Embossed, woodgrain finish.
VR VRock – Polished textured finish.
CV CounterV – Combined natural and polished surface.

FR Board
9.5 mm (3/8”) or greater
FR Board
Inorganic
Cement
Board
19 mm (3/4”) or greater

Flame Spread
Smoke Developed
25
75
20
45
20
45

Techinic information listed below applies to high pressure plastic laminates. See separate specification
sheets for other Nevamar products. PDF files of
specification sheets/technical data are also available at
www.nevamar.co.uk.

Product Identification
Manufacturer: Panalam Industries
Nevamar Division
Phone: 001 203-225-0005
www.nevamar.co.uk