



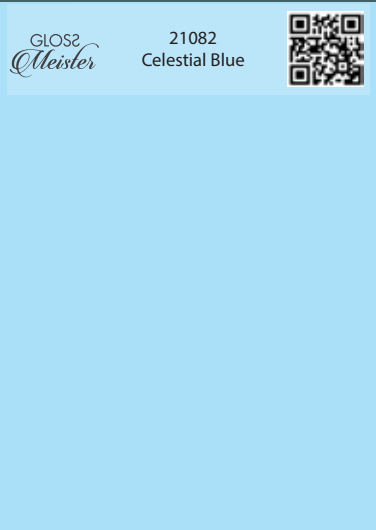
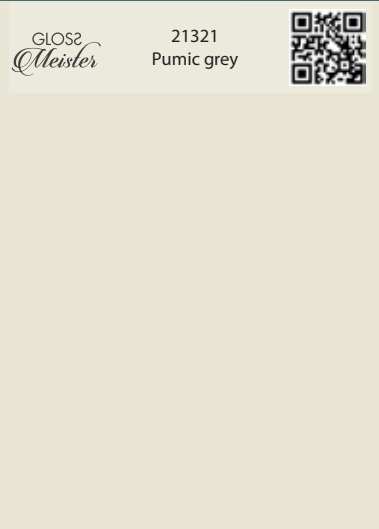
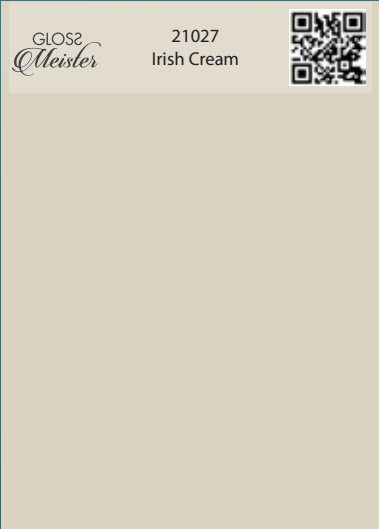
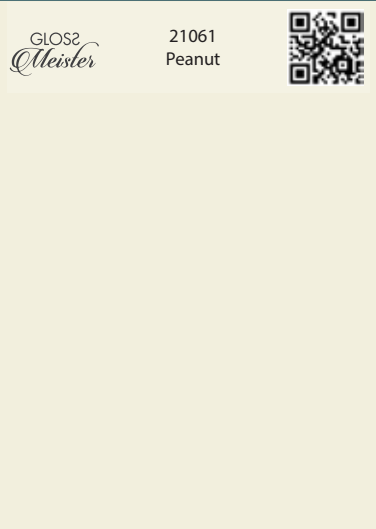
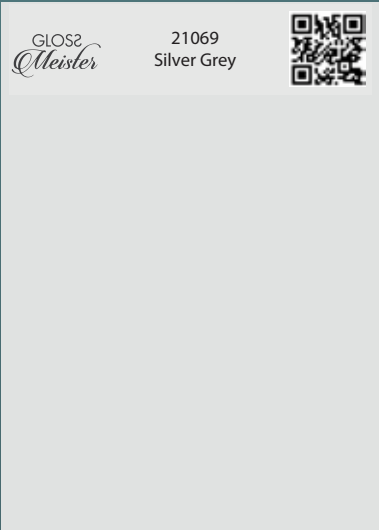
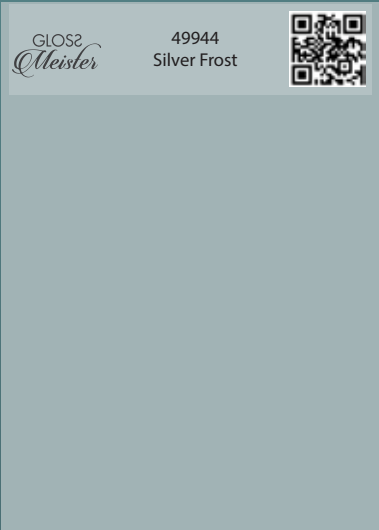
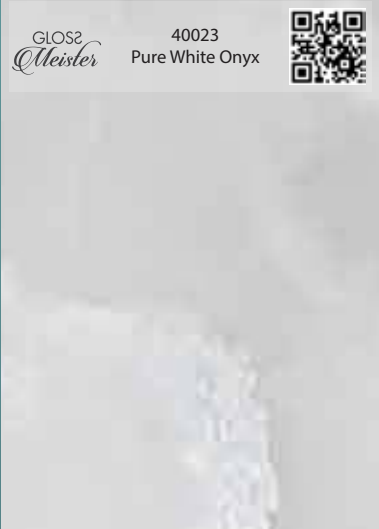
ECONOMY ♦ EXCELLENCE ♦ ETHICS



*Meister*  
SURFACES  
ABOVE ALL ELSE

PREMIUM COATED  
PANELS

EXCLUSIVE COLLECTION OF HIGH GLOSS PU+ ACRYLIC PANELS  
& ANTI-FINGERPRINT MATT PANELS



GLOS2  
*Meister*

25391  
Solar White



MATT  
*Meister*

25391  
Solar White



GLOS2  
*Meister*

22105  
Berry Bunch



GLOS2  
*Meister*

21039  
Misty Grey



GLOS2  
*Meister*

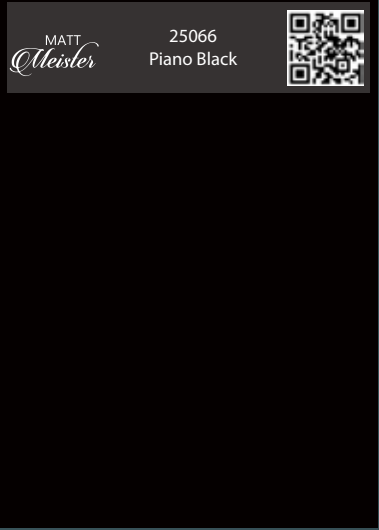
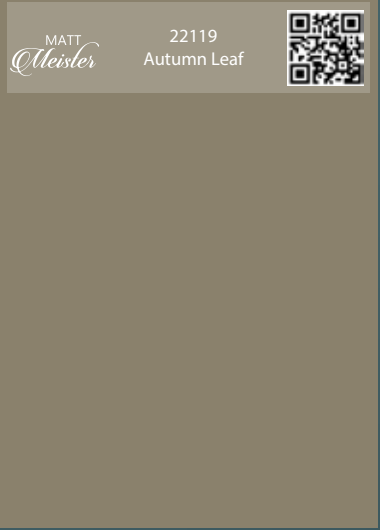
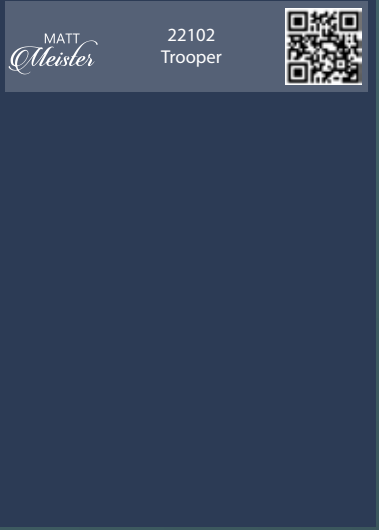
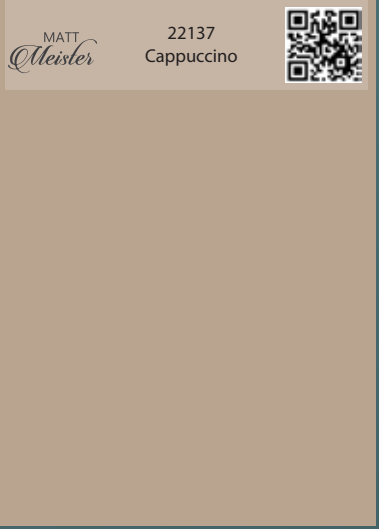
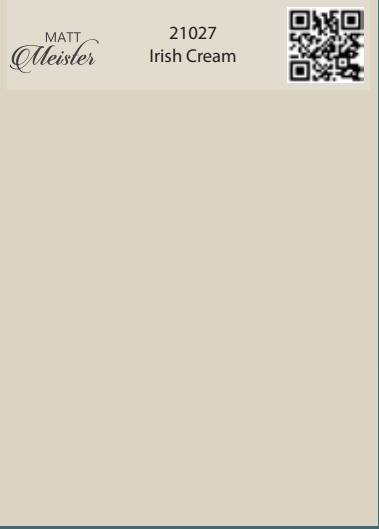
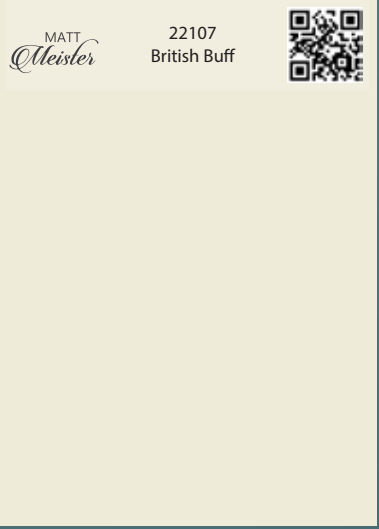
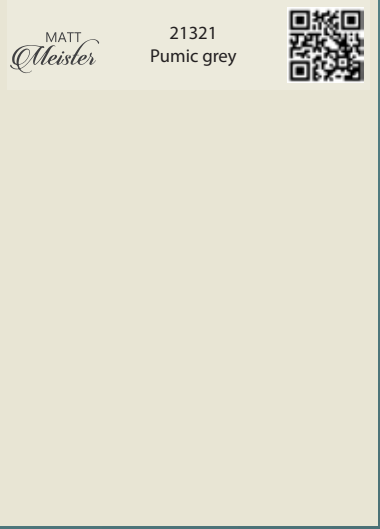
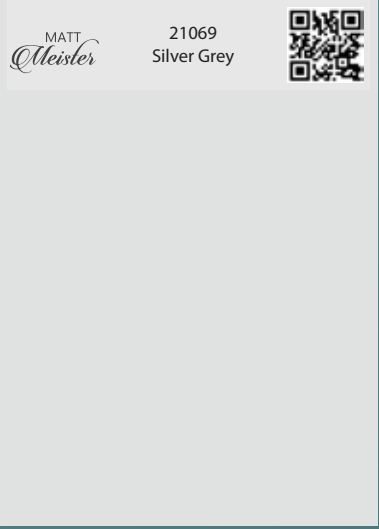
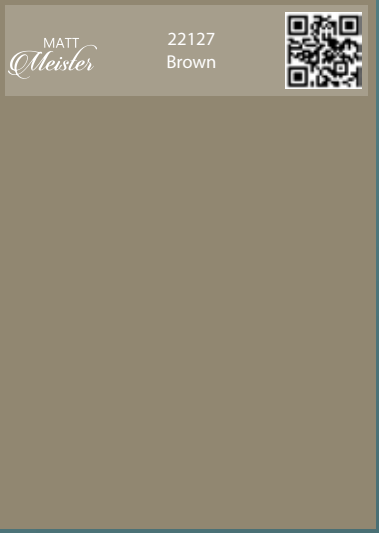
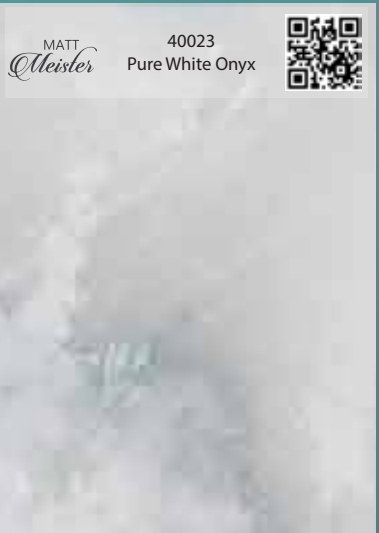
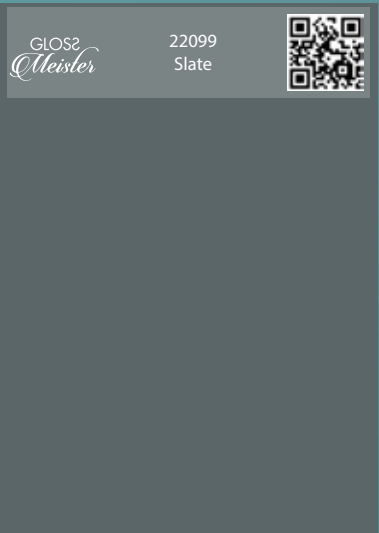
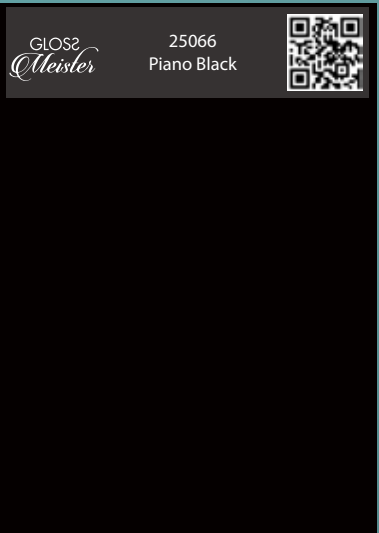
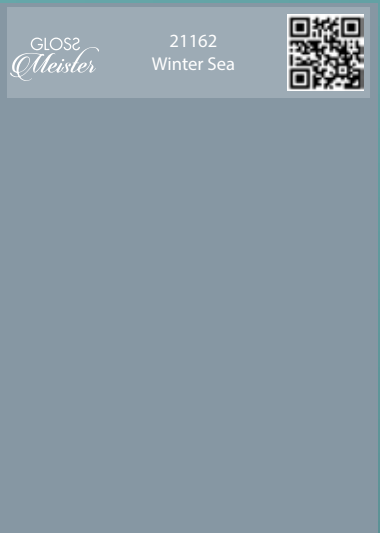
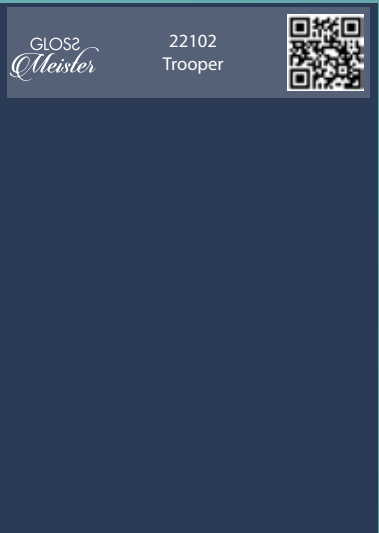
22119  
Autumn Leaf



GLOS2  
*Meister*

22127  
Brown





Luxury above all else

The Merino Meister is a premium range of panels designed to elevate your interior space with its world class offerings and innovative features. Created with the finest technology, Meister brings aesthetically beautiful surfaces in a wide variety of colours and styles. Available in two variants – Gloss and Matt Meister, these durable panels are a perfect combination of style and functionality.

GLOSS  
Meister

High Gloss PU+  
Acrylic Panels

Gloss Meister high gloss PU+ Acrylic Panels offer great features to create interiors with breathtaking beauty. The lustrous mirror like finish with higher gloss index ensures a distinct and contemporary space for your designs with a perfectly smooth surface. Be it elevating your creative interior or designing a high performance application with high traffic and impact resistance, a Gloss Meister Panel is sure to last a lifetime.



- 
- DOI
- 
- Mirror Like Finish
- 
- No Orange Peel Effect
- 
- Abrasion Resistant
- 
- No Yellowing Effect
- 
- No Chipping
- 
- Anti Bacterial



Super Gloss Technology

Gloss Meister has been developed with an innovative and cutting edge process that combines German expertise with modern PU+ coating. The PU+ is a combination of PU reinforced with acrylic polymer to achieve the best of both PU and acrylic properties. This process overcomes the limitations of existing PU coated high gloss to provide a superior super gloss surface that has added advantage like high scratch, abrasion and impact resistance with enhanced beauty.

MATT  
Meister

Anti-Fingerprint  
Matt Panels

Designed for high impact resistance with a satin smooth touch, Matt Meister offers an exciting range of surfaces created with top of the line technology. These super matte surfaces can transform every living space with its premium finish and assortment of styles & colors. Featuring the innovative anti fingerprint technology, scratch and dry heat resistance, these premium panels maintain their beauty and aesthetics for an incredibly long time with no visible yellowing or orange peel effect.



- 
- Super Matte
- 
- High Scratch Resistance
- 
- Dry Heat Resistant
- 
- Satin Smooth Finish
- 
- No Yellowing Effect
- 
- No Chipping
- 
- Anti Bacterial



Anti Finger Print Technology

The Meister anti-fingerprint technology is achieved by curing the top most layer of modified acrylic with specific rays under highly controlled inert conditions that impart this exemplary anti-finger print property to the surface. This super Matt surface with PU+ and multiple acrylic coatings on melamine board / compact makes it superior to conventional varnished surfaces to ensure durable elasticity and enhanced processibility as a single surface.

Matt & Gloss Meister is available in different substrates

- ☒ MDF
- ☒ HDHMR
- ☒ Ply
- ☒ Compact

Specification - Meister on MDF Board

Gloss Meister & Matt Meister thickness 18 mm

Merino Value (MDF as substrate)

| S.No. | Parameters                                              | Standard                       | Unit (max or min)                   | Gloss Meister               | Matt Meister                |
|-------|---------------------------------------------------------|--------------------------------|-------------------------------------|-----------------------------|-----------------------------|
| 1     | Thickness Variation                                     | IHD-W-454                      | mm                                  | ±0.5mm                      | ±0.5mm                      |
| 2     | Density                                                 | EN-323                         | kg/m³                               | >725                        | >725                        |
| 3     | Dimension Tolerance                                     | EN-324-1                       | mm                                  | +/- 0.5                     | +/- 0.5                     |
| 4     | Micro Scratch Resistance (Martindale)                   | HID-W-466                      | Rating                              | Class 1                     | Class 1                     |
| 5     | Adhesion (Cross Cut)                                    | IHD-W-464                      | Rating                              | 0                           | 0                           |
| 6     | Gloss Level at 600 Angle                                | EN 14323                       | Level                               | >93                         | <5                          |
| 7     | DOI Value                                               | RHO Point meter                | Level                               | >93                         | 0                           |
| 8     | RIQ Value                                               | RHO Point meter                | Level                               | >92.5                       | 0                           |
| 9     | Abrasion Resistance                                     | IHD-W-461                      | Class                               | Stress Class-3              | Stress Class-4              |
| 10    | Resistance to Water Steam                               | EN 14323                       | Rating                              | >4                          | >3                          |
| 11    | Resistance to Dry Heat                                  | EN-438                         | Rating                              | >5                          | >5                          |
| 12    | Resistance to Cracking                                  | EN 14323                       | Rating                              | >5                          | >5                          |
| 13    | Resistance to Impact Stress (Large Diameter steel wall) | EN 14323                       | cm                                  | >100                        | >100                        |
| 14    | Modulus of Rapture                                      | EN-310                         | N/mm2                               | >32                         | >27                         |
| 15    | Internal Bonding                                        | EN-319                         | N/mm2                               | >0.80                       | >0.75                       |
| 16    | Screw Withdrawal Face----- Edge-----                    | EN-320                         | N                                   | >1850<br>>1350              | >1500<br>>1250              |
| 17    | Formaldehyde content CARB P2                            | EN ISO 12460-5 (atro bd)       | mg/100gm of dry sample              | ≤2.5 mg/100gm of dry sample | ≤2.5 mg/100gm of dry sample |
| 18    | Scratch Resistance BYK Gardner 12403                    | DIN 68861 T4                   | N.A                                 | 2.5                         | 4.2                         |
| 19    | Abrasion Resistance                                     | EN-438                         | Cycles                              | Rev(min)                    | 1500                        |
| 20    | Resistance Scratch                                      | EN-438                         | Rating (min)                        | N                           | 4.0                         |
| 21    | Anti-Bacterial Efficacy                                 | JIS Z 2801:2010                | Microbial activity & microbial kill | R≥2                         | Complies                    |
| 22    | Anti-Fungal Efficacy                                    | " E 01/1269 or ASTM G-21:2015" | Antifungal Qualitative              | Rating 0                    | Complies                    |

Specification - Meister on Plywood Board

Gloss Meister & Matt Meister thickness 18 mm

Merino Value (Plywood as substrate)

| S.No. | Parameters                                                                                           | Standard                                          | Unit (max or min)             | Gloss Meister       | Matt Meister    |
|-------|------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|---------------------|-----------------|
| 1     | Thickness Variation                                                                                  | IHD-W-454                                         | mm                            | ±0.5mm              | ±0.5mm          |
| 2     | Density                                                                                              | EN-323                                            | kg/m3                         | 800 ±10             | 800 ±10         |
| 3     | Dimension Tolerance                                                                                  | EN-324-1                                          | mm                            | +3<br>- 0           | +3<br>- 0       |
| 4     | Adhesion (Cross Cut)                                                                                 | IHD-W-464                                         | Rating                        | 0                   | 0               |
| 5     | Gloss Level at 600 angle                                                                             | EN 14323                                          | Level                         | >93                 | <3.0            |
| 6     | DOI Value<br>RIQ Value<br>Resistance to Surface wear                                                 | RHO Point meter<br>RHO Point meter<br>EN 438-2.10 | Level<br>Level<br>Revolution  | >93<br>>75<br>>1500 | 0<br>0<br>>1500 |
| 7     | Resistance to Food & Chemicals                                                                       | IHD-W-460                                         | Grading                       | 5                   | 5               |
| 8     | Light Fastness                                                                                       | EN 14323                                          | Rating                        | >4                  | >4              |
| 9     | Resistance to water Steam                                                                            | EN 14323                                          | Rating                        | >4                  | >3              |
| 10    | Resistance to Dry Heat                                                                               | EN-438                                            | Rating                        | >5                  | >5              |
| 11    | Resistance to Cracking                                                                               | EN 14323                                          | Rating                        | >5                  | >5              |
| 12    | Resistance to Impact Stress (Large Diameter steel wall)                                              | EN 14323                                          | cm                            | >110                | >110            |
| 13    | Resistance to Staining                                                                               | EN 438-2.26                                       | Rating Group 1 & 2<br>Group 3 | >5<br>>4            | >5<br>>4        |
| 14    | Glue Adhesion in Dry State<br>a) Glue share strength<br>b) Adhesion of Plies (Knife test)            | IS: 710                                           | N                             | 1400<br>Pass        | 1440<br>Pass    |
| 15    | Resistance to Water (72 hrs Boiling)<br>a) Glues share strength<br>b) Adhesion of Plies (Knife Test) | IS: 710                                           | N                             | >1180<br>Pass       | >1180<br>Pass   |
| 16    | Tensile Strength<br>a) Perpendicular<br>b) Parallel                                                  | IS: 710                                           | N/mm2                         | >30<br>>45          | >30<br>>45      |
| 17    | Modulus of Rapture (Cross Grain)                                                                     | EN-310                                            | MPa                           | >60                 | >60             |
| 18    | Modulus of Rapture (Long Grain)                                                                      | EN-310                                            | MPa                           | >65                 | >65             |
| 19    | Modulus of elasticity (Cross Grain)                                                                  | EN-310                                            | MPa                           | >5800               | >5800           |
| 20    | Modulus of elasticity (Long Grain)                                                                   | EN-310                                            | MPa                           | >9300               | >9300           |
| 21    | Formaldehyde content CRAB P2 / E1 Grade                                                              | EN-120                                            | mg/100gm                      | < 2.0mg / 100g      | < 2.0mg / 100g  |

\*Note:

"Gloss Meister High Gloss PU+ Acrylic Panel is a decorative high gloss lacquered panel with modified Poly Urethane coating reinforced with acrylic polymer and the surface properties will remain similar with other substrates as well."

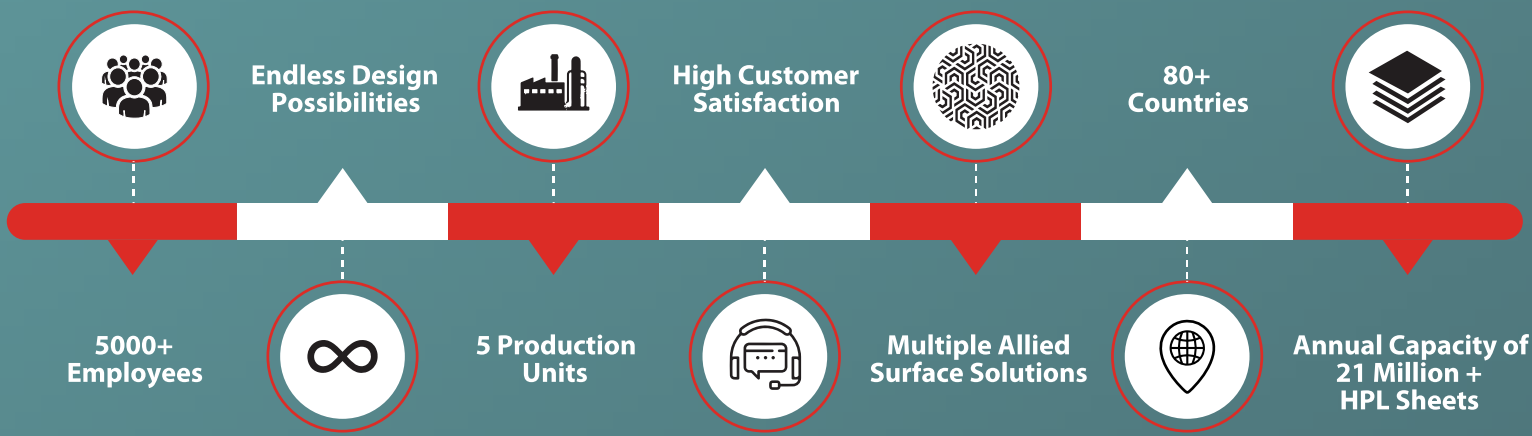
"Matt Meister is a decorative Super Matt lacquered panel with modified Poly Urethane coating reinforced with acrylic polymer and the surface properties will remain similar with other substrates as well."



## About Merino

Since 1967, the journey of Merino has been an extraordinary tale of evolution. Beginning with the humble plywood, the group has constantly introduced new products based on top-of-the-line raw materials, production and technology to achieve the podium on which it stands today. As one of the world's largest manufacturers of decorative laminates, the Merino group is globally recognised as leader in the industry of laminates and surface solutions.

Products, technologies and techniques may have evolved but one thing is always constant – focus on quality and the zeal to bring world-class surface solutions for our customers. Today Merino Group has a beautifully strong presence in over 80 countries with an annual turnover of over 245 million USD with diverse business interests that expand from Interior Architectural products to Information Technology to Food & Agro products.



### CERTIFICATIONS OF MERINO



- \* Products are available as FSC™ certified upon request
- \* NSF International has certified Merino Industries Limited Hapur for Work Surface in CGS and HGS grade. For further product listing information visit [www.nsf.org/certified-products-systems](http://www.nsf.org/certified-products-systems).

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