Enjoy
the motion
of LEDskin™

beMatrix®
re!nventing exhibit building systems

LEDskin™ - full of animation, movement and emotion

LEDskin™ transforms beMatrix® environments into real hotspots, full of animation, movement and emotion. With LEDskin™ beMatrix® has once again created a revolution in the world of exhibits and events. Starting now – and in the blink of an eye – combine LED panels with frames to create an impressive video wall. LEDskin™ panels are integrated seamlessly into new or existing beMatrix® structures, avoiding un-needed custom engineered support elements which detract from efficient and sleek exhibit and event design.

Not limited to standard aspect ratios, LEDskin™ walls can transform entire designs into various seamless shapes and sizes.

With LEDskin™, from beMatrix®, exhibits actually come to life, attracting visitors from afar. Animation, movement and emotion all become a part of the exhibit reality.
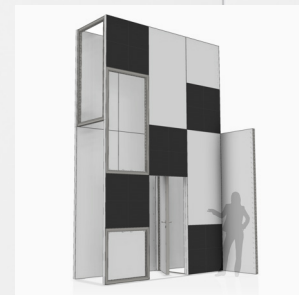
▲ The combination of existing frames with LEDskin™ gives you endless possibilities.

▲ LEDskin™ panels are so easy to finish on the reverse side with SEG *textile or hard panel* attached with Velcro®.

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Video, video, video
the future of exhibit building
and events!

finished edges

The edges of LEDskin™ can
be finished with existing **cover
profiles**.

▲ *To create LED walls, you simply
build the beMatrix® system using
the familiar tooless methods. No
need for extra connectors.*

LEDskin™ fits seamlessly
to the beMatrix® concept
and its frames

pixel talk

LEDskin™ modules have
a pixel pitch of 3.1 mm,
guaranteeing optimum
resolution, clarity and
responsiveness.

modular

Because LEDskin™ panels and beMatrix®
frames are both built on the familiar 62mm
grid they combine perfectly. beMatrix® frames
and LEDskin™ are both 62mm thick, allowing
seamless assembly and finish.

connections

Attaching LEDskin™ panels to beMatrix®
frames is simple with standard tooless™
M8 connectors. Installations are fast
and easy, and always firmly and securely
anchored.
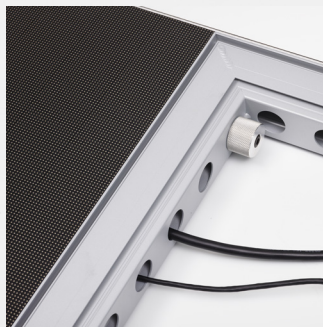
▲ The holes in the beMatrix®
frames also act as cable conduits
eliminating ugly and unorganized
wiring.
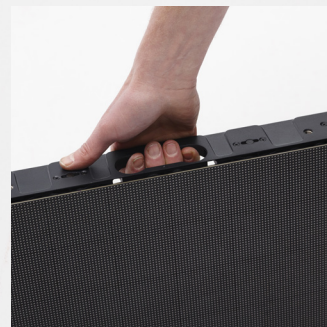
▲ For optimum ease of handling,
modules are lightweight and have
a built in handle. An individual
LEDskin panel weighs just 16 lbs.

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The LED wall that fits seamlessly into an exhibit building system

An individual LEDskin™ panel measures 496 x 496 mm and is 62 mm thick. Panels combine to make increments of 496 mm to fit seamlessly to the familiar b62® frame system in terms of height, width and thickness. Exhibit and event structures can now be finished with combinations of hard panels, textiles and LEDskin™ motion graphics.

It's easy to connect various LEDskin™ panels in any direction with the same tooless™ connectors used to build beMatrix® structures. LEDskin™ fits perfectly with the original frame system with holes – beMatrix®!

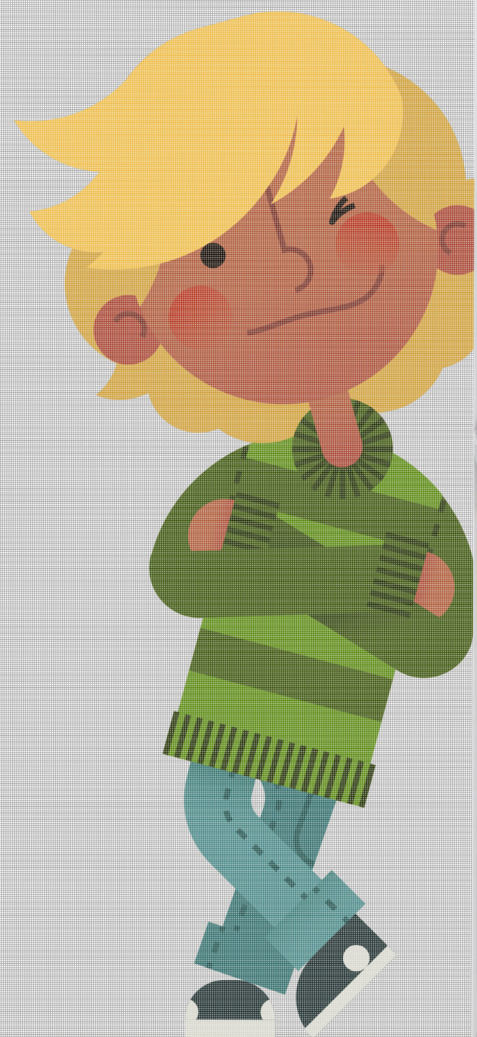beMartrix and LEDskin™ combine into a single great design.

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The real breakthrough
for video walls in
modular structures.

LEDskin™, so easy to use

You don't need to be an expert to use LEDskin™. Our LED wall is **plug & play**: you only need to build the panels, connect the cables, and connect your video device/computer.

MOVE ACTION

beMatrix®
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LEDskin™, uses the technology of tomorrow for the exhibitions and events of today

The dedicated LEDskin™ Novastar platform works with both MAC and PC Operating Systems, as well as all popular video standards. Simply connect video source device to Novastar driver with HDMI cable, start the video or application, and the walls of the beMatrix® structure instantly come to life.

The beMatrix® LEDskin™ concept is totally in tune with the future. Modules can simply be removed or inserted using an innovative tool: the GEKKO.

Main specifications

- Pixel pitch: 3.1 mm
- Refresh Rate: 1,920-3,840Hz
- Panel resolution 160 x 160 pixels
- Pixel density: 104,058 pixels/m^2
- Surface flatness: <0.5 mm
- Brightness 1.200 nits
- Viewing angle 110/110°
- Power source 100-240 V ac / 50-60 Hz
- Maximum usage 600 w/m^2 – Average usage 200 w/m^2
- Novastar platform

▲ *The modules are aligned by magnets and two manual connectors to create a sturdy joint.*
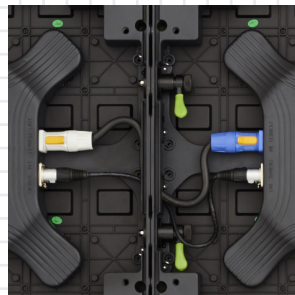
▲ *The power and video cables between two modules slot neatly into the 62 mm thickness, enabling a nice clean finish with a SEG textile or hard panel finish on the rear.*

▲ *The GEKKO is a specially designed tool enabling replacent of LED modules from the front with ease. The Power Data Unit (PDU) at the back also dismantles quickly thanks to two manual locks.*

▲ *For transport and storage, a lightweight, tough flight case is provided, fitting 8 panels (2 m^2) and the cabling.*

reddot design award
winner 2017

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beMatrix® USA

4385 International Blvd
Norcross, GA 30093
T. +1 770 225 0552
F. +1 770 872 4700
E. info@bematrix.us

www.beMatrix.us