



DAN-Board

Smooth

Durable quality

in 100% recycled plastic



A professional solution for demanding environments

DAN-Board Smooth is a homogeneous plastic sheet made from 100% recycled LDPE, produced in-house in Denmark, and developed for environments where materials must last.

The sheet is developed for environments with:

- Moisture and ammonia
- Impact and mechanical stress
- Frequent cleaning

It combines high impact strength with flexibility and long service life – and is a strong alternative to wood, metal, and rigid plastics.

Flexibility and installation

LDPE is a flexible and impact-resistant material. To ensure optimal stability and long service life, the sheets must always be installed on a fully supported, level surface

Correct installation ensures that the sheets retain their shape – even in high-load environments.

Why choose Smooth?

- Does not splinter on impact
- Does not rust
- Does not degrade due to moisture
- Resistant to chemicals and cleaning agents
- Smooth and easy-to-clean surface
- Long service life – minimal maintenance

Sustainability in practice

DAN-Board Smooth is produced from 100% recycled plastic.

At DANREC, we transform plastic waste into durable, long-lasting solutions. This reduces the need for new raw materials and extends the material's lifecycle. Sustainability is not an option – it is the foundation of our production.



Developed for stable environments – widely used in industry

Smooth is primarily used in agriculture today, where materials are exposed to harsh conditions – but the sheet is also suitable for a wide range of industrial applications. LDPE's flexibility provides a more noise-dampening and animal-friendly solution than metal – and a more impact-resistant solution than wood.

The smooth, non-absorbent surface resists ammonia, moisture, and aggressive cleaning agents, making cleaning quick and efficient.

Can be formed by heat bending

A key advantage of LDPE is that the material can be heat-bent through controlled heating. This makes it possible to shape the sheets precisely for corners, channels, and inclined surfaces – for example in feeding systems.

Heat bending:

- Reduces the number of joints
- Improves hygiene
- Creates stronger constructions
- Reduces wear in critical areas

Additional uses for Smooth:

Industry & construction

- Wear plates
- Sliding surfaces
- Machine guarding
- Storage and production areas
- Temporary structures

Agriculture

- Partitions
- Wall cladding
- Feeding systems
- Protective sheets
- Equipment solutions



DAN-Board Smooth

Standard surface	Smooth on both sides
Material	100% recycled LDPE
Processing	Sawing, drilling, milling, shaping, welding

Color options: Function meets practicality

Our Dan-Boards Smooth are available in three colors

White:

Reflects light and enhances the visual brightness of the space

Black:

Highly UV-resistant and suitable for outdoor or particularly demanding environments

Grey:

Neutral and practical – popular for partitions and fittings



Vandværksvej 5
7439 Karup
Denmark



+45 97 100 200
danrec@danrec.dk



www.danrec.eu

Would you like a personal offer or do you have questions? Contact the Key Account Manager in your area