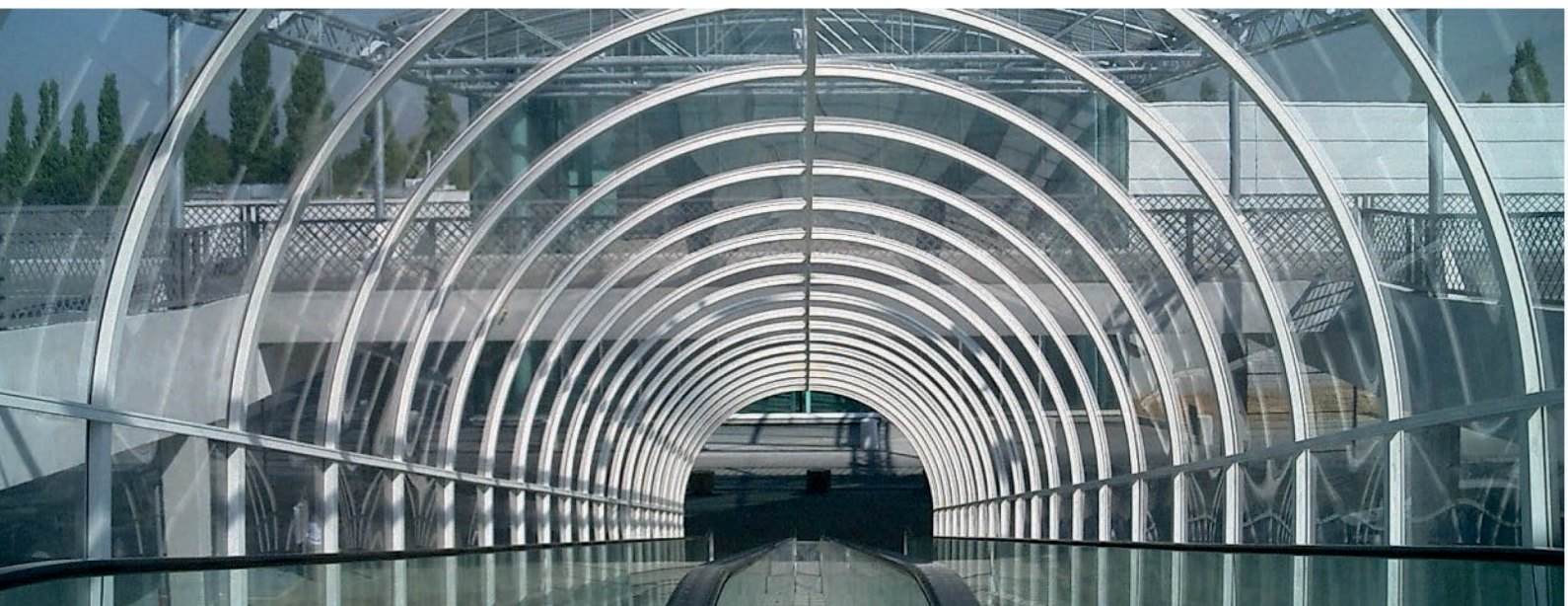
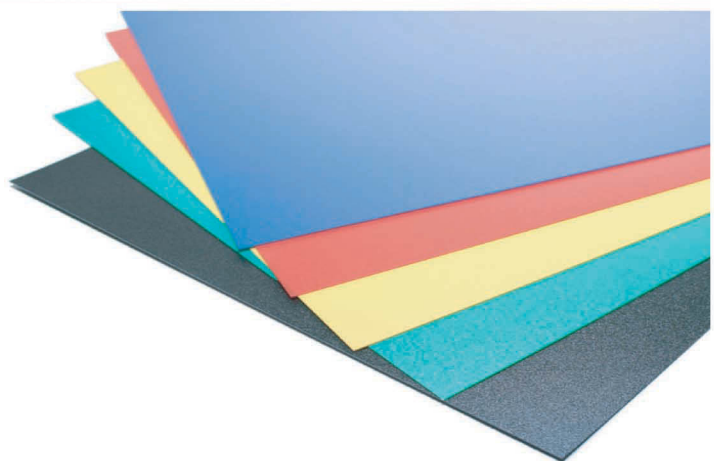
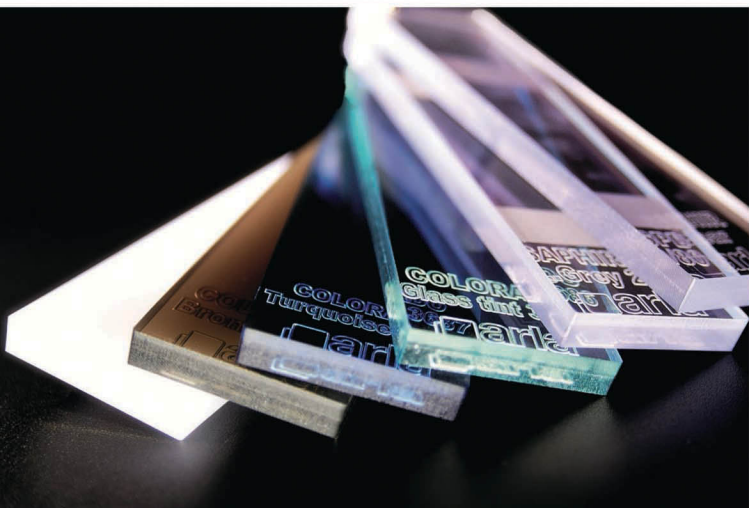




# Plastic sheets for your needs

HKN34 PLAST COMPANY PRESENTATION



[www.hkn34.net](http://www.hkn34.net)

|| [sales@hkn34.net](mailto:sales@hkn34.net)



Welcome to HKN34 Plast!

We are a TURKISH manufacturer of high-quality plastic sheets. We will do our outmost to fulfil your specific requirements.

HKN34 Plast is a privately-owned family business. The company was started 1969 by Azghar Devrim together with his brother Junior Devrim. The initials of Azghar Devrim together gave the company its name HKN34. Today the company is owned by the son of the founder of his Family.

HKN34 Plast is now a major producer of plastic sheets in Europe and Asia. The company has two production plants and the original factory is in Turkey with one modern facilities.

Our products are known for high quality. We use high quality raw materials and our operators have many years of extrusion experience.

We work in partnership with our customers and suppliers to develop new products according to the market and customer needs.

Flexibility is one of our main objectives. This means we adapt our production to your specific needs. Colour matching, sheet structure, sheet format, masking, packaging, pallets and transport method are tailor-made to fit your needs.

HKN34 Plast – Plastic sheets for your needs!

Transparent Polycarbonate

Opaque PC / Recycled PC

Multiwall

ABS - PC/ABS

PETG

Support & Service

Gas Proof Sheet (Fumigation)



# Transparent polycarbonate sheets

A virtually unbreakable material for the toughest environments

Transparent polycarbonate (PC) has high clarity and good optical performance for applications where good visibility is important. It also has excellent temperature performance which gives good fire properties; the material is even self-extinguishing. Transparent PC is well suited for thermoforming or machining. Exigon Plast has a wide portfolio of transparent PC sheets.

Our transparent PC is available in different optical qualities, colours, frost, light transmission and with different surface structures. We also have a solar control version that helps to reduce temperature by letting the light pass but keeping the UV-radiation out. Special resins are used when FA (food approval) or FR (flame retardant) characteristics are needed. Most products can be chosen with a protecting UV-layer on top.

## PRODUCT RANGE TRANSPARENT POLYCARBONATE

**EXICLEAR™** – standard PC sheets for general purpose applications.

**EXICLEAR™ SQ** – selected high quality PC sheet.

**EXICLEAR™ FR** – flame retardant PC sheets UL94 V0

**EXICLEAR™ FA** – complies with food contact regulations.

**EXICLEAR™ HARDCOAT** – standard PC sheet with hard coating.

**EXIER®** – high quality PC sheets with hard coating.

**EXIER® FLEX** – selected quality PC with a unique flexible hard coating for curved applications

**EXIER® FC** – PC sheet with a formable hard coating for visor applications

**EXIER® AF** – PC sheet with Anti-fog coating

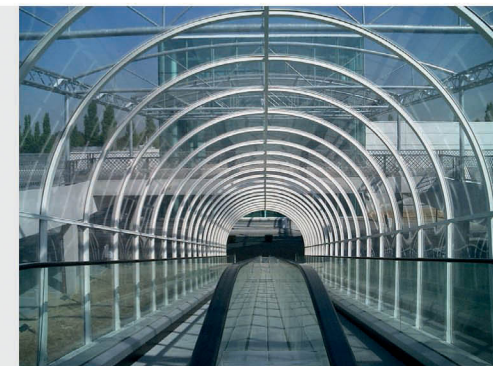
**EXIER® AS** – antistatic coated PC for protection against electrostatic charging

**EXILIFE™** – standard PC sheets with UV protection. 10 years warranty.

**EXICOLOR®** – coloured PC sheets with or without UV protection.

**EXICOLOR® LED** – coloured PC sheets with diffusing properties.

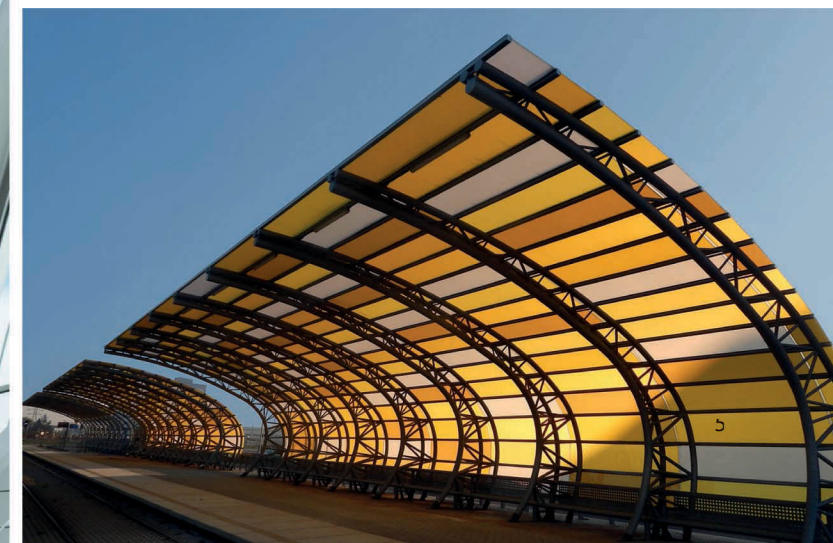
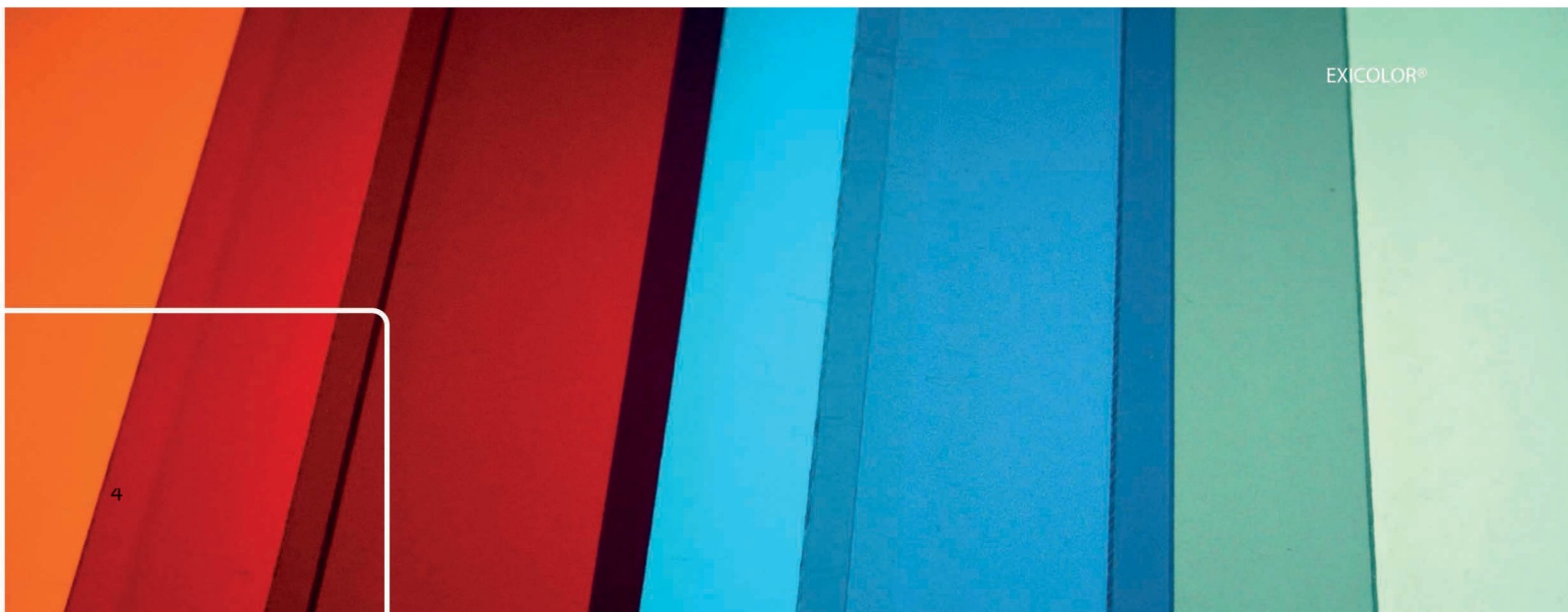
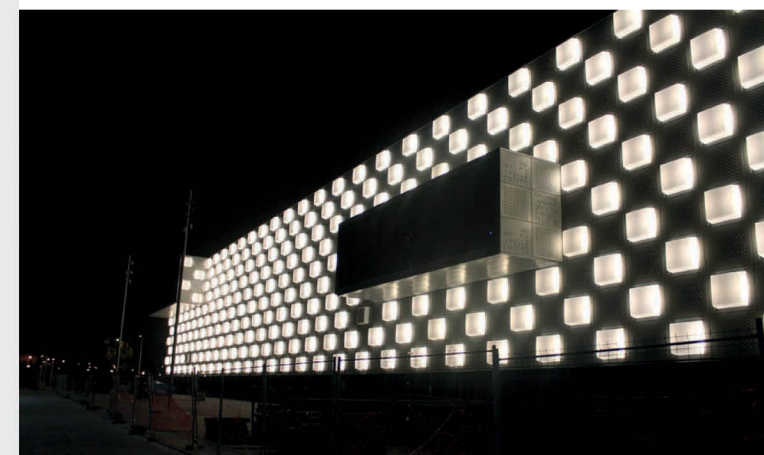
**EXICOLOR® FI** – coloured PC sheets for Velding applications.



## APPLICATIONS FOR TRANSPARENT POLYCARBONATE

Transparent PC sheets are used in a wide variety of applications where unbreakable solutions are required.

Example: Soundwall to reduce traffic noise, ice hockey rinks, machine protection, windows, roof lights and roofing solutions, luminaires, pool covers, signs, ski lift bubbles, visors





# Opaque polycarbonate sheets

Well suited for thermoforming, bending or machining

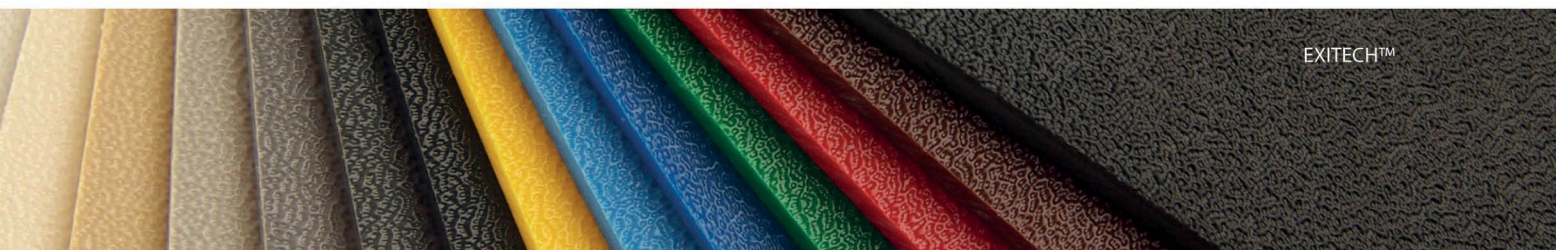
Opaque polycarbonate is a virtually unbreakable material for the toughest environments. It has superior impact resistance and a wide temperature range. It also has better fire properties, the material is even self-extinguishing. Opaque PC is well suited for thermoforming, bending or machining. Exigon Plast offers opaque polycarbonate sheets – EXITECH™.

EXITECH™ is available with different surface structures and in all possible colours. We are experienced in extrusion of standard glossy colours, metallic colours as well as matt colours. Dual colours are also available thanks to coextrusion of two different colour layers. EXITECH™ can be chosen with or without stripes (for camera/robot identification). Many products can be chosen with a protecting UV-layer on top.



## PRODUCT RANGE OPAQUE POLYCARBONATE

- EXITECH™ – opaque PC sheets for colourful, unbreakable solutions
- EXITECH™ UV – one side UV protected sheet for outdoor applications
- EXI™ MATT – with a matt surface
- EXITECH™ FA – complies with food contact regulations
- EXITECH™ FR – flame retardant UL94 V0
- EXITECH™ with Stripe – For camera/robot identification



## APPLICATION AREAS FOR OPAQUE POLYCARBONATE

The sheets are used in a wide variety of applications where unbreakable solutions are required.

Example: Suitcases where a combination of strength and low weight is needed, wall cladding for heavy duty environments such as hospitals or public environments, machine covers, containers, agricultural equipment, automotive, signage

## APPLICATIONS RECYCLED POLYCARBONATE

The sheets are used in a wide variety of applications:

Example: Trays for efficient parts handling at automotive assembly lines, packaging solutions, wall cladding, protection sheets, containers, thermoformed machine covers, solar panel covers

# Recycled polycarbonate sheets

Value for money

Recycled opaque PC sheets with different surface structures, with or without stripes (for camera/robot identification) and with or without co-extruded layer in different colours. RPC™ is a cost-effective solution where a virtual unbreakable solution is needed.

## PRODUCT RANGE RECYCLED POLYCARBONATE

- EGC™ – recycled polycarbonate
- EGC™ UV – one side UV protected sheet for indoor or outdoor applications
- EGC™ Coex Colour – black core with a coloured coex layer
- EGC™ Colour – coloured recycled polycarbonate
- EGC™ with stripe – for camera/robot identification





# Multiwall polycarbonate sheets

High impact strength and high light transmission combined with good insulation values

Multiwall is a lightweight sheet with a cellular structure. The construction offers high impact strength and high light transmission combined with good insulation values. Arla Plast offers multiwall polycarbonate sheets with maximum impact strength – MULTICLEAR.

MULTICLEAR® is available in different thicknesses, cellular structures and in a choice of colours. Besides the smooth surface structure, HAMMER FINISH can be chosen. HAMMER FINISH has a special aesthetic appearance produced by creating a textured surface.

MULTICLEAR® is also available in a solar control version that helps to reduce temperature by letting the light pass but keeping the IR-radiation out. Our products general have good insulation capability and all come with 10 years warranty.

## PRODUCT RANGE MULTIWALL

**EXCLEAR® BOX 2 WALL** – standards box structure

**EXCLEAR® BOX 3 WALL** – triple wall box structure

**EXCLEAR® STRONG 6 WALL** – six wall structure with low U-value and increased stiffness

**EXCLEAR® BOX 7 WALL** – seven-layer structure

**EXCLEAR® 5x** – five wall sheet with cross structure

**EXCLEAR® 11 WALL** – eleven wall structure with excellent thermal insulation and lower weight

**EXCLEAR® RPC** – multiwall sheet primarily based on regrind

All types are also available as

**EXULTRA** – extra high or low weight and high light transmission

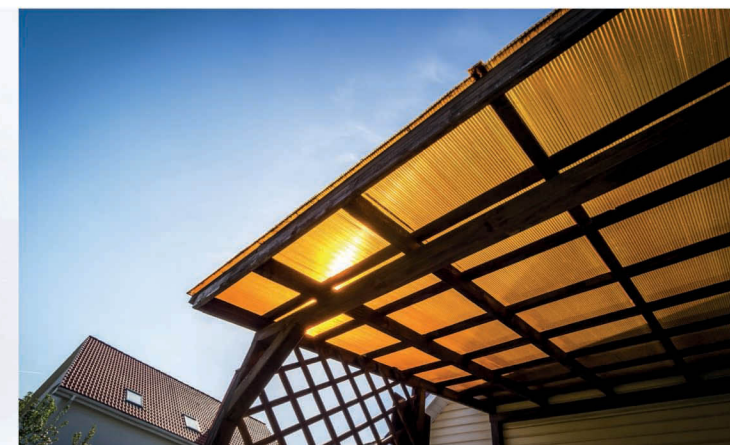
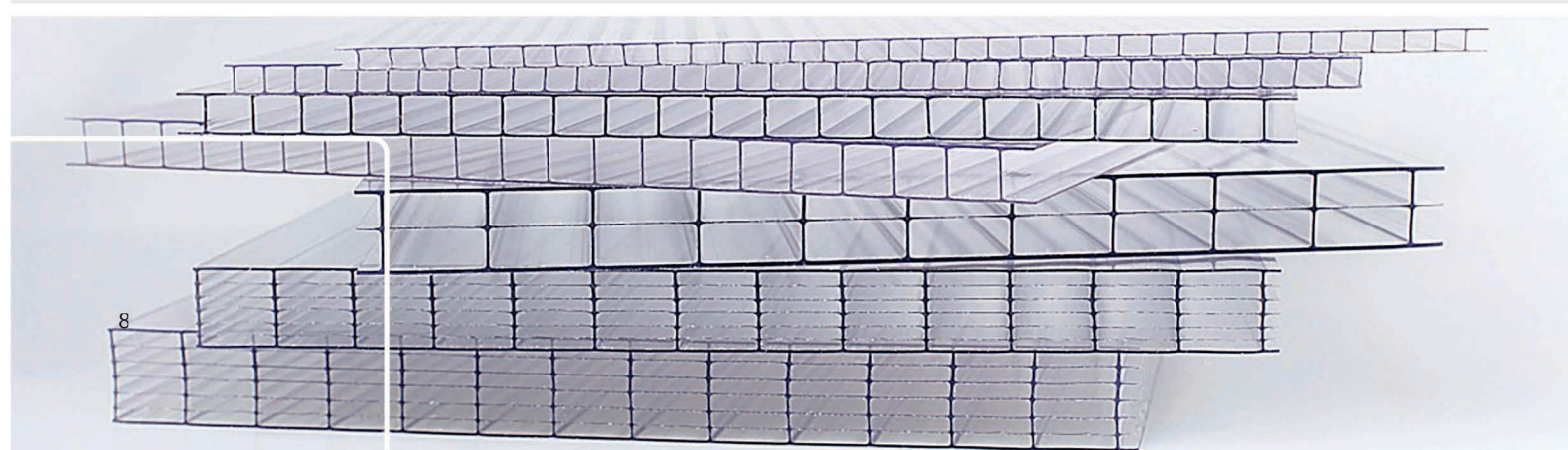
**EXFINISH** – special product with aesthetic appearance produced by creating a texture in the inner surface

**EX CONTROL** – multiwall sheets that allows the light transmission whilst stopping the heat building up

## APPLICATIONS MULTIWALL

The sheets are used in a wide variety of applications such as:

Example: Roofing for industrial buildings or shopping gallerias, Sky lights, covered walk ways, wall cladding, pool covers, green houses, light weight roof solution for terraces, carports, sport arena roofing, protective covers, big-size signage and advertising panels, illuminated wall cladding using multicolor LED, The HKN34 Plast office (front page) is cladded with multiwall.





# ABS - PC/ABS

Easy to thermoform and fabricate

ABS is a material with high impact strength. ABS also has impressive thermal qualities and is easy to thermoform and fabricate. This makes ABS a very popular material amongst thermoformers. Exigom Plast offers a wide range of ABS based products –eTECH®.

We have a selection of popular structures and long experience in colour matching and co-extrusion of dual colours. Different top layers are available such as: PMMA (matt or glossy), Matt ABS, ASA (matt or semi-gloss), and Soft touch. Stripes can be attached for optical identification in packaging. All products can be chosen with an extra UV stabilizer to improve weather resistance.

Recycling is an important part of the ABS business. Exigom Plast can offer all possibilities in this field. Our total recycling concept, covering all types of ABS will help you minimize the material cost at the same time as reducing the environmental impact. Thanks to our advanced technology and long experience in recycling, off-cuts from eTECH® sheets can be reused in new sheets.

PC/ABS is a modern solution for demanding thermoforming applications. PC/ABS offers good impact strength and a wider working temperature range with better fire performance than ABS.

HKN34 Plast offers PC/ABS – ATECH® 5100 (50/50) or (70/30) with or without UV stability. Matt ABS surface optional on one or both sides. Different colours and different surface structures can be chosen. HKN34 Plast also offers a PC/ABS based product that fulfils the ECE R118.03 for interiors in busses, eTECH 5103.02-R118-7-8

## PRODUCT RANGE OF SUPER HIGH IMPACT ABS AND PC/ABS

eTECH® 2000R– ABS recycled

eTECH® 2100R– ABS recycled with a matt surface layer

eTECH® 3000– with a semi-gloss surface layer that thermoforms quickly

eTECH® 3100– with matt surface layer that remains matt also after thermoforming

eTECH® 3200– with a surface layer of high-gloss PMMA

eTECH® 3300– with a matt or semi-gloss surface layer of ASA material

eTECH® 3400– with a matt coloured PMMA surface layer

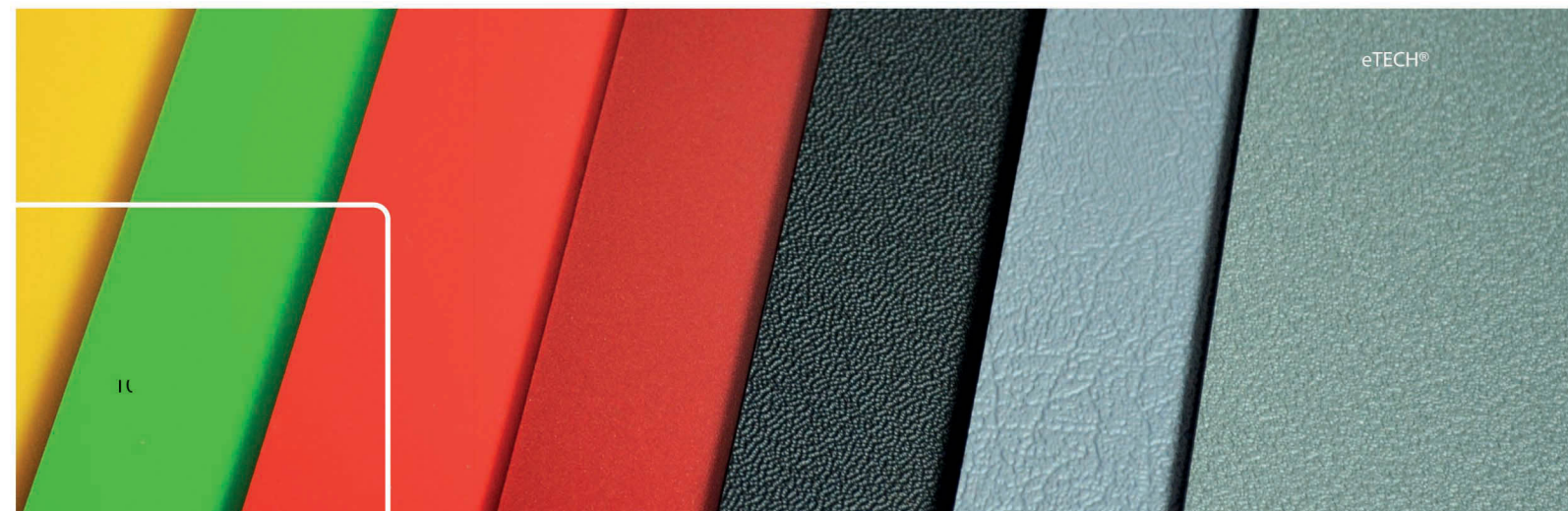
eTECH® 5100– PC/ABS with a matt ABS surface layer

eTECH® 5103.02-R118-7-8 – PC/ABS with matt UV stabilized ABS surface layer, is homologated to ECE R118.03



## APPLICATIONS ABS - PC/ABS

Example: Machine covers, interior automotive parts, ski boxes, demanding exterior automotive parts, tough industrial applications, advertising, building and construction, thermoformed covers





# PETG transparent and opaque sheets

Easy to fabricate and thermoform without pre-drying. PETG is easy to fabricate and thermoform without pre-drying, hence faster cycle times and cost savings can be achieved. Thermoforming and bending can be done with great accuracy and with maintained visual clarity.

HKN34 Plast offers PETG high impact transparent sheets – EXIPHEN®. Besides transparent sheets, EXIPHEN® can be chosen in a wide range of colours and the unique frosty (satin) look. UV protection is available for most products. EXIPHEN® as a standard product is food approved.

We also offer PETG high impact opaque sheets – EXIPHTECH®. EXIPHTECH® is an opaque coloured co-polyester sheet which combines extremely good fabrication and thermo-forming properties with good impact strength. The product has good fire performance, it is self-extinguishable and has low smoke generation during a fire.

We are experienced in extrusion of standard glossy colours as well as matt colours. Most products can be chosen with a UV-protection.

## PRODUCT RANGE PETG TRANSPARENT

EXIPHEN® – standard transparent PETG sheet

EXIPHEN® UV – Griphen for outdoor use

EXIPHEN® COLOUR- translucent PETG sheets in a wide range of transparent colours and an opal range

EXIPHEN® COLOR UV- Griphen Colour for outdoor use

EXIPHEN® FROST- anti-reflex frosty surface

## PRODUCT RANGE PETG OPAQUE

EXIPHTECH® – standard opaque PETG sheet

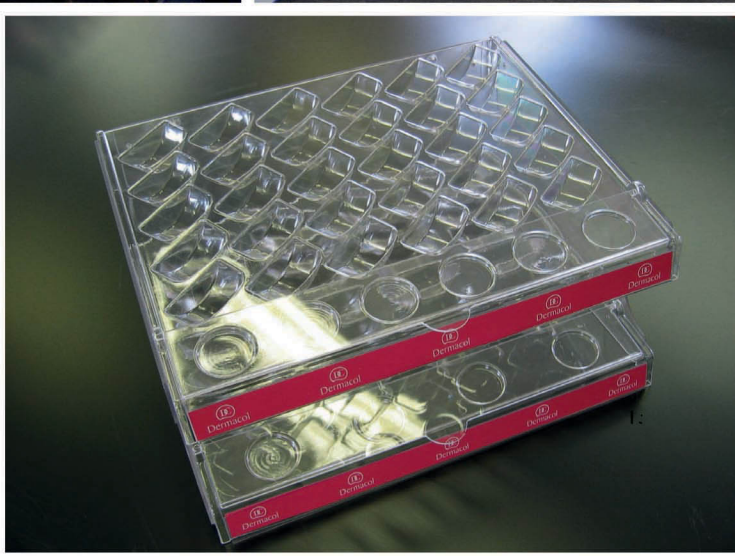
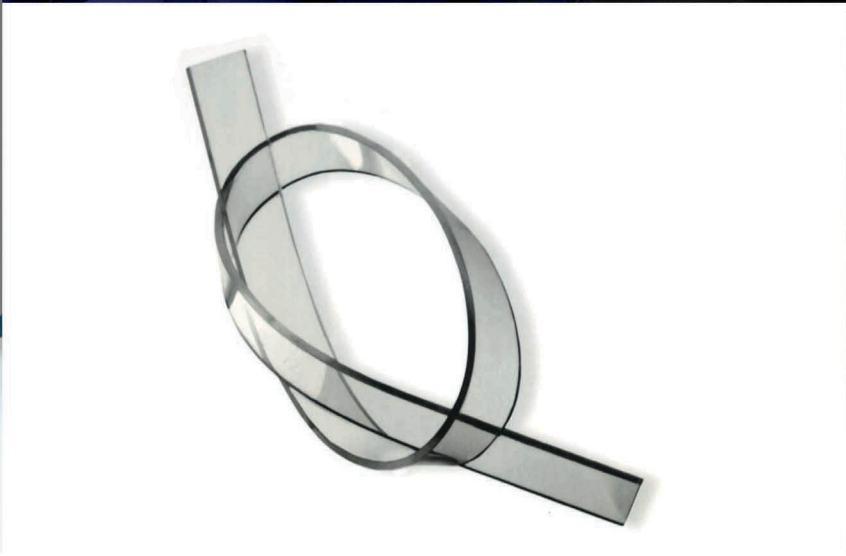
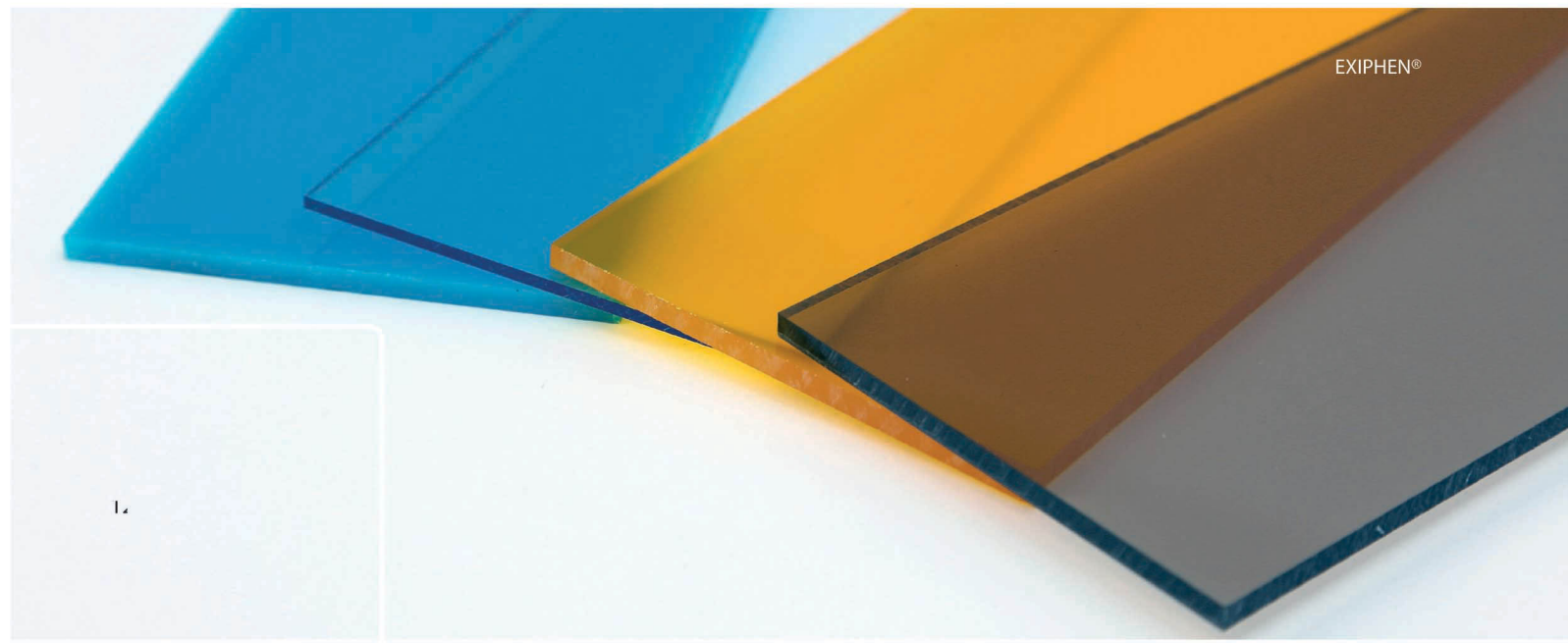
EXIPHTECH® UV- for outdoor use

EXIPHTECH® FROST- for a frosty cool look



## APPLICATIONS PETG TRANSPARENT & OPAQUE

Example: Indoor and outdoor signs, shelving and racking systems, food displays / bin / dividers, exhibition boxes, point of sale interior, thermoformed covers, vending machine faces, industrial equipment, machine covers and many different kinds of technical parts, ski lifts





eXIBEL® - Gas Proof Sheet (Fumigation)

PRODUCT RANGE -Gas Proof Sheets

- eXIBEL® - Standard Gas Proof Sheet (Fumigation)
- eXIBEL® AD - Customs Gas Proof Sheet (Fumigation)
- eXIBEL® TR - TRANSPERENT Gas Proof Sheet (Fumigation)
- eXIBEL® HI - Hi Quality Gas Proof Sheet (Fumigation)
- eXIBEL® LR- Low rate Gas Proof Sheet (Fumigation)

APPLICATIONS for eXIBEL®

Food godown, Silos, Food Stogare, Rice field, Rice Mills, Port, Paddy harvesting



# Additional services

HKN34 Plast can offer several additional services in order to save or cost in later operations.

[www.hkn43.net](http://www.hkn43.net) , [sales@hkn34.net](mailto:sales@hkn34.net)



# Our cornerstones

When choosing HKN34 Plast you can expect:

Products and personal service of highest quality.

We are flexible. We adapt our production to your needs in terms of format, masking, packaging, pallets or way of delivery. Our minimum order quantities are competitive, and we are flexible to support individual needs.

Quick decisions, quick deliveries. Standard stock items are shipped the same or next coming day.

Find your colour. We help you match the right colour tone with reliability.

We support you. Our experienced technicians give technical support on how to use your products. If you want to make any changes to your order. our friendly order team is keen to help you.





[www.hkn34.net](http://www.hkn34.net) / [sales@hkn34.net](mailto:sales@hkn34.net)

At HKN34 Plast we have developed and fine-tuned the extrusion techniques for plastic sheets since the 60's. We have developed the professional knowledge over many years, the machinery resources, the feel for quality and the willingness to always do a good job. Our experience ensures that you receive a product which satisfies your needs.

Good product quality is our primary target to be a good supplier, but this is not enough. Thanks to the cooperation with our customers and suppliers we have learnt the meaning of high flexibility, delivery precision and good service in order to build trust and long-term relations.

HKN34 Plast cares about the environment. In our production we mainly use energy from renewable resources to power our modern machines. Recycling is a natural part of our operations that is beneficial for the economy as well as for the environment.

Today HKN34 Plast is one of the leading extruders of plastic sheets in Europe. Every day we strive for becoming better by developing new materials, new quality specifications and taking care by lowering our environmental impact. All in order to become and to remain your best long-term partner

