

LoopPET Clearboard ASLAN CRB 91



Product Launch

For internal use only

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1 LoopPET Clearboard ASLAN CRB 91



1.1 Overview

Self-adhesive, glossy, transparent whiteboard film with 70% recycled polyester. The scratch-resistant laminate transforms any smooth and/or printed surface into a communication board for frequently use with whiteboard markers.

Product name	LoopPET Clearboard ASLAN CRB 91
Printing technology	compatible with all common printing systems incl. UV-curable inks
Launch date	June 2023

1.2 Product positioning & vision

Open the stage for your ideas, inspirations, information, innovations! Writable communication surfaces give you space and allow great things to happen. They are almost unlimited in their areas of application, e.g., for creating surfaces for team communication, creativity zones, welcoming areas, organisation and presentation boards or for learning content.

For this application, ASLAN has developed a more sustainable solution: LoopPET Clearboard ASLAN CRB 91 is made from 70% recycled polyester (PCR-PET) to reduce the volume of new raw materials.

The highly transparent, recycled film is particularly scratch-resistant and ensures long-term residue-free and easy cleaning of the writings with a microfibre cloth without leaving any shadows or ghosting. In case of accidental use of permanent markers, these can also be removed with alcohol or white gas without damaging the coating.

PCR (post-consumer recycling) is the recycling of plastics from household or commercial waste. A large part of which (60%) is packaging and is thus kept in a closed material cycle. By using recycled plastics, savings are made on fossil raw materials, CO2 emissions are reduced and the volume of waste is reduced. Thus, ASLAN's range of LoopPET materials is in line with the general trend towards more ecology and sustainability - the recycled content of a roll of LoopPET Clear ASLAN DRP 18 equals 120 PET bottles (1.5 litres).

LoopPET Clearboard ASLAN CRB 91 is a PVC-, VOC- and solvent-free sustainable combination.

1.3 Target Group

- Every print service provider, end customer, private household
- Office equipment and stationery suppliers
- Retail-, design- and shop fitting experts
- Architects
- Online shops for end customers

1.4 Application examples

Sustainable communication and organisation surfaces with durable whiteboards on smooth and slightly curved surfaces and walls. Maximum flexibility in terms of design, shape and size. Can be extended as required, can be combined in a wide variety of ways. The application possibilities are almost unlimited:

- | | | |
|---|------------------------|--|
| ✓ | offices | → meeting rooms, partition walls, co-working spaces |
| ✓ | retail | → supermarkets, clothing, electronic, furniture & DIY stores, drugstores, pharmacies, florists, bakeries |
| ✓ | companies | → insurances, banks, post offices, hotels, production facilities, garages |
| ✓ | gastronomy | → restaurants, clubs & discos, bars & bistros, inns, canteens |
| ✓ | healthcare facilities | → doctors' surgeries, hospitals |
| ✓ | private households | → kitchens, working- and children's rooms |
| ✓ | public institutions | → citizens' offices, administrations, town halls |
| ✓ | culture | → museums, cinema, theatre |
| ✓ | sports facilities | → fitness studios, sports and swimming clubs |
| ✓ | education institutions | → universities, schools, kindergartens, libraries |
| ✓ | events | → exhibitions, openings |

1.5 Memoboard combination possibilities

LoopPET Clearboard ASLAN CRB 91 transforms a variety of substrates and films into surfaces that can be written on long-term, e.g.

- ✓ digital prints, e.g. [LoopPET ASLAN DRL 19](#)
- ✓ printed ferrous films, e.g. [FerroSoft Print FF 480](#)
- ✓ (printed) metal effect films, e.g. [LoopPET Metal ASLAN CRA 31](#)
- ✓ coloured vinyls, e.g. [PremiumColour ASLAN C 118](#)
- ✓ furniture, (partition) walls, doors, lockers

1.6 Product advantages | added value

- ✓ base film made from 70 % PCR-PET
- ✓ scratch-resistant
- ✓ highly transparent
- ✓ more sustainable further development of the renowned [Clearboard ASLAN CB 90](#)
- ✓ outstanding whiteboard quality
 - writings with whiteboard markers can simply be wiped off dry without leaving any shadows or ghosting
 - can be written on with all common whiteboard markers
 - writings with unsuitable markers (e.g. permanent markers) can be removed with alcohol or white gas
- ✓ solvent-free high-tack adhesive, also compatible with UV-curable inks
- ✓ PVC-, VOC- and solvent-free product
- ✓ no shrinkage
- ✓ classified according to flame retardant standard Euroclass EN 13501-1 (B - s1,d0)
- ✓ outdoor durability of up to 5 years

1.7 Tips, tricks & hints

- Cleaning is ideally done with a microfibre cloth. Board erasers are not recommended as the plastic edges can scratch the coating of the film.
- If by mistake inappropriate pens, i.e. a permanent marker have been used, you can clean the films with alcohol or white gas without leaving any residues, the coating will not be harmed.
- We do not recommend a large-scaled application of whiteboard films with mounting tapes. The writable surface of the film can be damaged by taking off the tape, thus the removability of markers cannot be guaranteed anymore. If it is nevertheless necessary using a mounting tape, we recommend a tape with low adhesion. The tape should be taken off from the middle of the material to the edge.
- In general, the film should be applied dry. The print must be dried out at least 48 hours before laminating.
- To avoid that a tunnelling might occur, the laminated material should only be cut face down. In case the laminated film is rolled up again for storage or transportation, this should be in the same direction of winding as it was delivered.
- We recommend storing the material in the original case with spacers or in hanging racks. Store the rolls always together with the label and batch number. Without batch number, no claims can be accepted.

2 Differentiation from other products

Transparent writable films from ASLAN

Product	Material	Finish
ClearBoard ASLAN CB 90	polyester	high gloss
LoopPET Clearboard ASLAN CRB 91	70% recycled polyester	high gloss
ClearBoard ASLAN CB 75	polymeric PVC	matt

All ASLAN writable films ensure residue-free and easy removal of the writing without leaving any shadows or ghosting.

They are equipped with an increased amount of adhesive for compatibility also for prints with UV-curable inks to ensure a lamination without silvering.

The **LoopPET Clearboard ASLAN CRB 91** was developed to add a more sustainable whiteboard quality to the ASLAN memoboard portfolio.

3 Product information

LoopPET Clearboard ASLAN CRB 91	
Code	11191CRB0501370
Dimension	1,37 m x 50,0 m
Material	PET film with 70 % PCR content
Roll weight	12,5 kg netto 14,0 kg brutto 27,56 lb net 30,86 lb net
Box measurements	147 x 19 x 19 cm 57 ¾" x 7½" x 7½"
Gloss level	high-gloss
Material thickness	50 µm 1,97 mils
Liner	siliconized polyester film, ~ 35 g/m ²
Adhesive	permanent pressure sensitive polyacrylate adhesive, ~ 40 g/m ²
Adhesive strength (ASTMD-903)	immediately ~ 9,0 N / 25mm after 1 week ~ 16,0 N / 25 mm
Temperature	application: min 15 °C (59 °F) service range: -30 °C (-22 °F) up to +80 °C (176 °F)
Outdoor durability	up to 5 years
Shelf life	2 years

4 Marketing activities

- Update Website
- Update colour card digital printing films and laminates (in progress)
- Update digital marketing (newsletter, banner website, footer, product images):
https://www.aslanfolien.de/UPLOAD/LoopPET_Clearboard_ASLAN_CRB_91.zip

5 Documents

- Technical data sheet