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GENERAL

STANDARDS, REGULATIONS and TECHNICAL SPECIFICATION

This projection screen is in accordance with the safety regulations in DIN standard 19045 and DIN 56950. The screen fabric is comply with DIN 4102 part 1 and the specifications of the according data sheet. For the technical details and projection-specific material parameters please refer to the corresponding product data sheet: www.AVstumpfl.com/projectionmaterials

Detailed data of frame components and projection surface can be found on the type labels on each component and on the labeled soft bags, roller bags or flight cases.

SAFETY

GENERAL INFORMATION FOR THE MANUAL AND SAFETY

This operating manual forms part of the projection screen system and enables a safe and efficient operation. The safety section provides information about important safety aspects for the protection of persons, frame and projection materials. Task-related warnings/notes are also contained in the individual chapters. Read instructions through completely before proceeding and keep for future reference. You can find manuals electronically on our website: www.AVstumpfl.com/downloads

PACKAGING MATERIAL

WARNING

Danger of suffocation!

- Keep packaging material and foils away from children.
- Do not let children play with packaging material.



NOTICE

Unpack without cutter or any other sharp tool to avoid damaging of the projection screen. Remove packaging materials by hand. Unpack projection surface after assembling of the frame.



SET UP-ASSEMBLY

MECHANICAL HAZARDS

⚠ WARNING

 **Falling parts**

Danger of injury due to improper assembly. Make sure all frame parts assembled correctly and all hinges and joints are locked before raising screen to standing position. Falling parts can cause severe injury or death!

NOTICE

Projection surface damage in case of faulty assembly or set up. Make sure all frame parts assembled correctly and all hinges and joints are locked before one unfold and attach the projection surface.

⚠ CAUTION

 Please be careful not to pinch your fingers!

FRAME COMPONENTS
Plug-in connections can lead to injury to the hands (body parts). Please be careful not to pinch your fingers!



FALLING OVER

⚠ WARNING

Falling over of a projection screen can cause severe injury or death!

WARNING

DECOFRAME systems are developed for indoor use only.
Failure to follow warning may result in personal injury due to unforeseen acts of nature.
Any damage and consequential damage caused by outdoor use is not covered by warranty.

BASIC SAFETY REQUIREMENTS

Basic safety requirements for „flying“ projection screens and wall- or ceiling mounting!
If persons are able to stand under the loads, fastening points and slings must not be loaded more than half the value of the load bearing capacity stated by the manufacturer.
When planning the event or production, not only dead loads but also dynamic forces, potential breakdown loads and additional loads during operation, as well as during assembly and dismantling must be taken into account.

Observe the local safety regulations!

FLYING SCREEN

If a modular projection screen is used as a “flying” (free hanging) screen, then all plug-in and clamp connections must be secured against becoming loose and falling.
It is not allowed to use the projection surface holding the frame parts in position!
Falling parts can cause severe injury or death!
Please make sure that all components are secured safely before raising screen to standing position and lifting. Use the necessary number of suspension points according to the overall system weight.
A second/auxiliary safeguarding system is mandatory (e.g. steel rope catch)
Please follow the detailed instruction in the manual.

WARNING



**Falling
parts**

It is not allowed to use the projection surface holding the frame parts in position! Falling projection screens or parts can cause severe injury or death!

WALL MOUNTING

Before mounting, make sure that the wall, as well as the fixing points meet the safety requirements of the local standards and the required load can be beared.

WARNING



**Falling
parts**

Danger of injury due to improper disassembly.
Falling parts can cause severe injury or death!

CAUTION



Please be careful
not to pinch
your fingers!

Beware of
pinch points.

DISASSEMBLY

For disassembly the same safety instructions apply as for assembly and set up. Bring down a projection screen with the appropriate number of people to avoid falling over of the screen.

WARNING

Falling parts can cause severe injury or death!



**Falling
parts**

OPERATION, MAINTENANCE and SERVICE

FRAME ELEMENTS and ACCESSORIES:

The frame elements and additional elements are maintenance-free.

PROJECTION SURFACE:

The projection surface is packed into a separate cardboard box to avoid any damage by the frame parts, bleaching and discoloration.

NOTICE

Additionally, following instructions have to be adhered to:

Do not allow the projection surface to get in contact with sharp objects.

Do not bring printed and coloring objects (instructions, magazines, etc.) in contact with the projection surface! Do not write on the projection surface!

Colors penetrate the projection surface and cannot be cleaned anymore!

Store the projection surface cleaned and dry at room temperature only!

COLD BREAK

A projection foil must never be stored or transported below 5° C. There is a risk of a cold break! The film becomes very brittle and splinters like glass! When transporting the projection surface at low temperatures do not unroll the surface unless it has reached its full elasticity at room temperature. Otherwise there is the risk of cold break of the projection screen.

The ideal temperature range for assembling folding screens to prevent damaging the surface is 54°-82° F (12°-28° C). Assembling below recommended temperatures may damage surface and void warranty

CLEANING OF THE PROJECTION SURFACE

Use a white clean cotton cloth saturated with clear water (optionally mild soap water) and gently wipe the area in one direction (no circular motion). Wipe dry with another cotton cloth.

To clean a stubborn stain, use methylated spirit and follow the same procedure.

Clean rear projection surfaces in case of imperative only!

WARRANTY

The warranty period for production deficiencies is 5 years for the frame elements and 24 months for the projection surface.

NOTICE

DECOFRAME is developed for indoor use only.
Any damage and consequential damage caused by outdoor use is not covered by warranty.

The general terms and conditions are available at <http://avstumpfl.com/agb>

LIMITATION OF LIABILITY

All the details in this manual were compiled in consideration of the standards and legal regulations applicable at this time, as well as the experience of the manufacturer and qualified staff. The manufacturer accepts no liability for damage to persons or things (projection screen, other devices, goods, etc.) resulting from:

Non-observance of the manual and the regulations/safety instructions contained therein.

- Failure to comply with the local safety regulations.
- Inappropriate use (misuse).
- Use of unauthorized and non-trained staff.
- Unauthorized equipment conversions and technical modifications by the operator himself.
- Use of spare parts not approved by the manufacturer.
- Typesetting and print errors.

Failure to observe the above points will invalidate the warranty claims.
Technical specifications are subject to change without notice.

The local regulations and safety regulations and the essential safety requirements apply for the use of this projection screen.

DISPOSAL

At the end of its lifetime this product must not be disposed of with normal household waste but needs to be taken to a collection site for recycling.

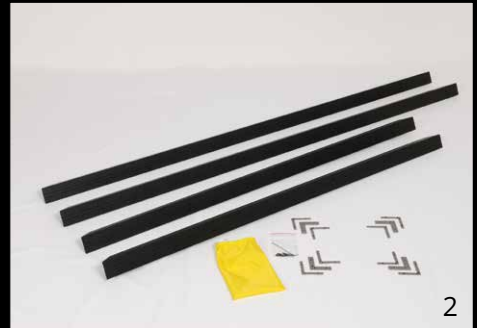
Separate disposal of the product makes an important contribution towards environmental protection. Frame components are made of aluminum and steel. The projection material is PVC vinyl. Contact your local disposal company for the address of a collection center.

Subject to modifications, errors expected !

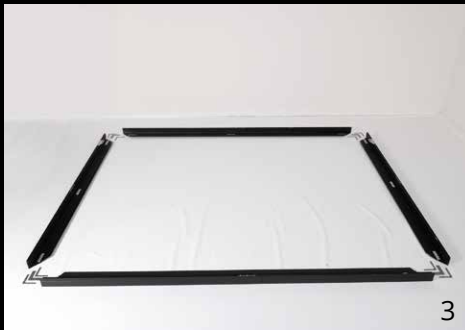
FRAME SET UP



Frame elements and projection surface are delivered in two separate cardboard boxes. Please mind the warnings on the packaging.



In case of more than four frame elements or center supports and horizontal strut elements. Please follow the instructions under point 13-23.



Lay out the frame elements according to the labeling as shown on the picture.




The corners are each connected with one big and two small angle brackets.



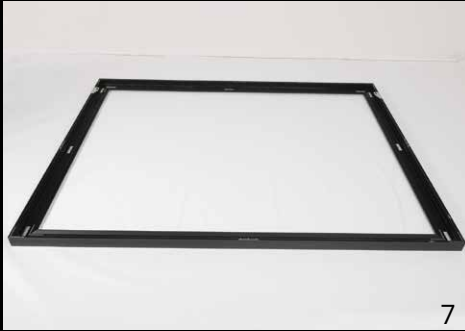
Slide in the angle brackets into the corresponding slots of the two to be connected frame elements.



Put the frame elements together without a gap and fix them with the enclosed allen key at the hexagon socket set screws.

 **CAUTION** Beware of pinch points!

MOUNTING



In case of center supports and horizontal struts we recommend to attach the projection surface first and then please follow the instructions under point 16-23.



Do not open the packaging of the surface before the assembly of the basic frame is finished to avoid damages of the surface by the sharp edges of the frame profiles.



Lay out the surface according to the labeling on the backside of the surface into the frame. Take care that the ground is absolutely clean!



The surface is attached to the frame at the circumferential slot with its hooks. Middle struts or other support elements are mounted afterwards. See point 16 to 22.



The Decoframe is mounted to the wall with its preinstalled keyhole brackets, which can be adjusted individually.



⚠ WARNING Falling parts!

CENTRE SUPPORT AND HORIZONTAL STRUT



In case of divided profiles, linear connectors are used to join them. Slide in the connectors each half the length in the corresponding slots of the two to be connected frame elements. Put the profiles together without a gap and fix them with the enclosed allen key at the hexagon socket set screws.

CAUTION Beware of pinch points!



Center supports are mounted at the preinstalled connectors. Take off the screws and place the center support according to the pictures in the Decoframe and secure it with the three philips head countersunk screws.



Horizontal struts are mounted at the preinstalled connectors on the frame side and on the center supports at the M6 thread inserts with countersunk screws.



As an option with large Decoframes additional small key-hole plates can be attached for wall mounting.