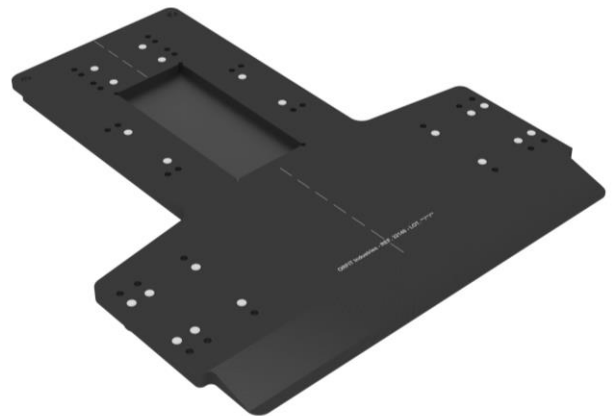


RAYCAST® HIGH PRECISION BASE PLATES

HIGH PRECISION BASE PLATE FOR PUSH-PIN MASKS IN CARBON FIBRE LAMINATE



Article No. : **32148**

A. GENERAL PRODUCT INFORMATION

This product is a medical device used for the fixation of patients (head & neck) in radiation therapy. This low density plate can be used during both the simulation and the treatment stage.

This product may only be used in combination with immobilisation masks produced by Orfit. Orfit prohibits the use of unauthorised third-party products in conjunction with its own products.

B. PRODUCT RANGE

The range of Efficast® thermoplastic masks with push-pins should be used on this base plate to immobilize patients. Instructions on how to make these masks can be found in the respective 'Instructions for Use' or on www.orfit.com.

The range of HP head rest for other hardware are compatible with this base plate. The Orfit HP head rests have to be combined with an adapter: Art. No. 32048 or 32149 (see also section D. Installation). More information about these products can be found in the respective 'instructions for use' and on www.orfit.com.

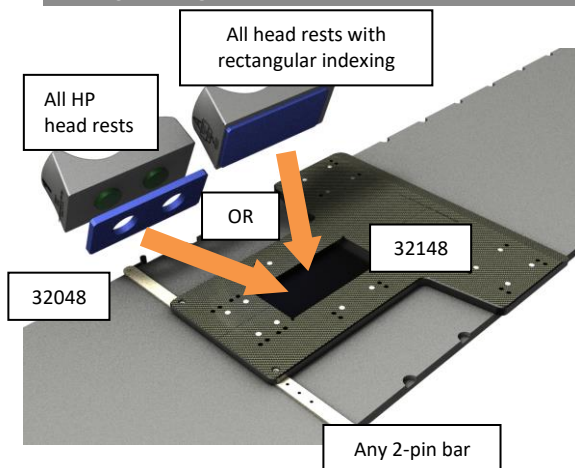
C. PRECAUTIONS FOR USE

Always place the base plate on a flat surface.
Always fix the base plate securely to the treatment couch before positioning a patient. More information on how to fix this base plate to a couch top can be found on our website <http://www.orfit.com/en/fixation-devices/>.

The CFL base plate is constructed to be light in weight and to have excellent dosimetric properties. When handled roughly, it may get damaged and fibres may come off. When this happens, stop using the base plate to prevent fibres from getting in contact with the patient's or user's skin. Contact your distributor.

A patient set-up form is available on the Orfit website:
<https://www.orfit.com/app/uploads/Head-and-Neck.pdf>

D. INSTALLATION



E. STORAGE

Always store the product in a safe place to prevent it from getting damaged or falling onto other objects. Prevent hard objects from falling onto the plate. Store the base plate between +10°C (50°F) and 40°C (122°F).

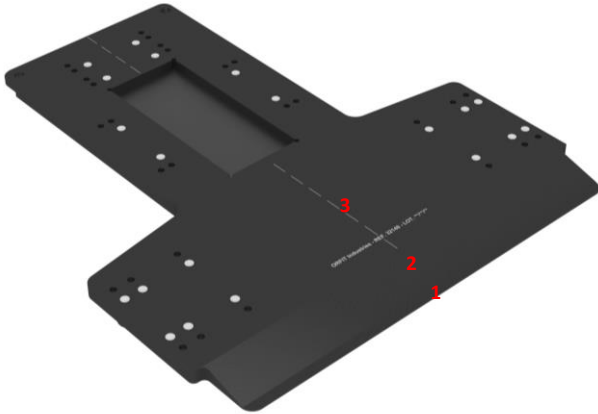
F. PROPERTIES

F.1 Physical Properties

This plate is made of a carbon fibre laminate.

Dimensions: L 600 mm x W 561 mm x H 18 mm
Weight: 1.2 kg

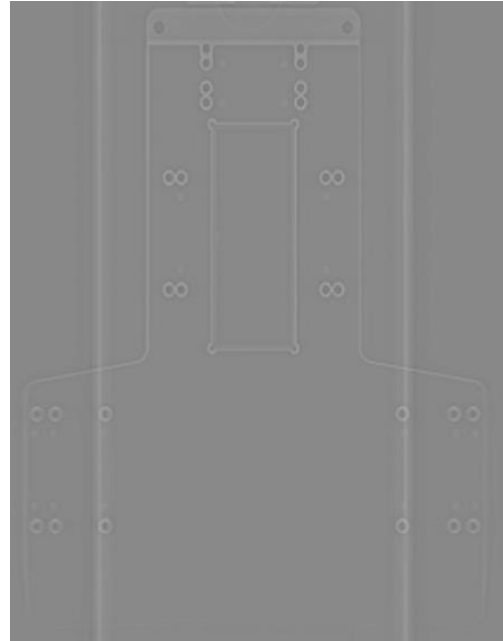
F.2 Dosimetric Properties



Location	Attenuation factor (± 0.15 %)		Mm H ₂ O equivalence (± 0.1 mm)
	6 MV	15 MV	
1 (small ridge)	0.41 %	0.15 %	1.4 mm
2 (slope)	0.64 %	0.39 %	2.0 mm
3 (flat part)	0.81 %	0.44 %	2.5 mm

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.

The base plate has areas where higher density materials have been used to reinforce parts like screw inserts. The following CT image shows these areas.



Note: the 2 vertical white lines that run through the image are part of the CT table and not part of the base plate.

G. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of an isopropanol based disinfectant, applied with a soft cloth. If unsure about the cleaning fluid, do not use. **Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents.**

Periodic checks of the product should be done to insure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself.** Contact your distributor if there are any questions or concerns.

The product can be disposed of with household waste.

H. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product information, Safety Data Sheets and regulatory information, please visit our website www.orfit.com.

Note:

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