

Ancon EdjPro Face Lift Anchor

EdjPro Mini face lifter (EPMFL) is the option for face lifting precast concrete units. The adaptability of the clutch for EdjPro Mini Face Lifter with EdjPro EPHIMini, makes this lifter ideal for cases where one type of clutch is available on the site. The EPMFL is available in three different lengths to achieve the optimum capacity in different unit thicknesses. The steel WLL for EPMFL is 8.50 tonne.



One type of clutch

- Utilizes the same clutch as the EdjPro EPHIMini

Different length

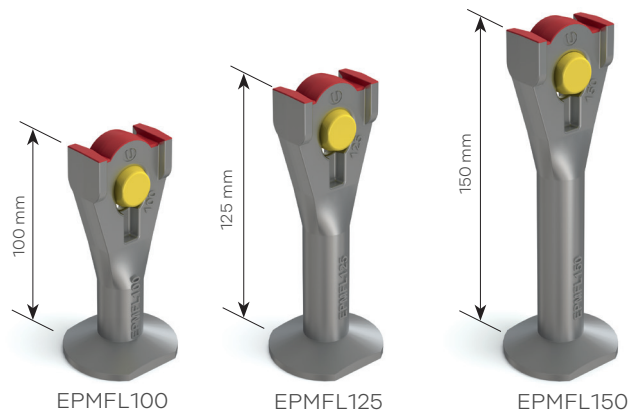
- 3 different lengths to fit in almost every type of panel
- Innovative design to get the most capacity out of concrete
- Can be used in different concrete strengths

Safe

- 8.5T Steel safe working load limit
- Complies with AS3850.1:2015
- Anchors galvanised in accordance with AS/NZS 4680

Easy to patch

- The set down of the lifter is around 5mm.



Panel Thickness* (mm)	Anchor Required	Precast Chair Product Code
125	EPMFL100	PC120
150	EPMFL125	PC120
175	EPMFL125	PC145
175	EPMFL150	PC120
180	EPMFL125	PC150
180	EPMFL150	PC125
200	EPMFL150	PC145

*Please contact Leviat Precast sales team for other panel thicknesses.

Ancon EdjPro Face Lift Anchor

System Performance

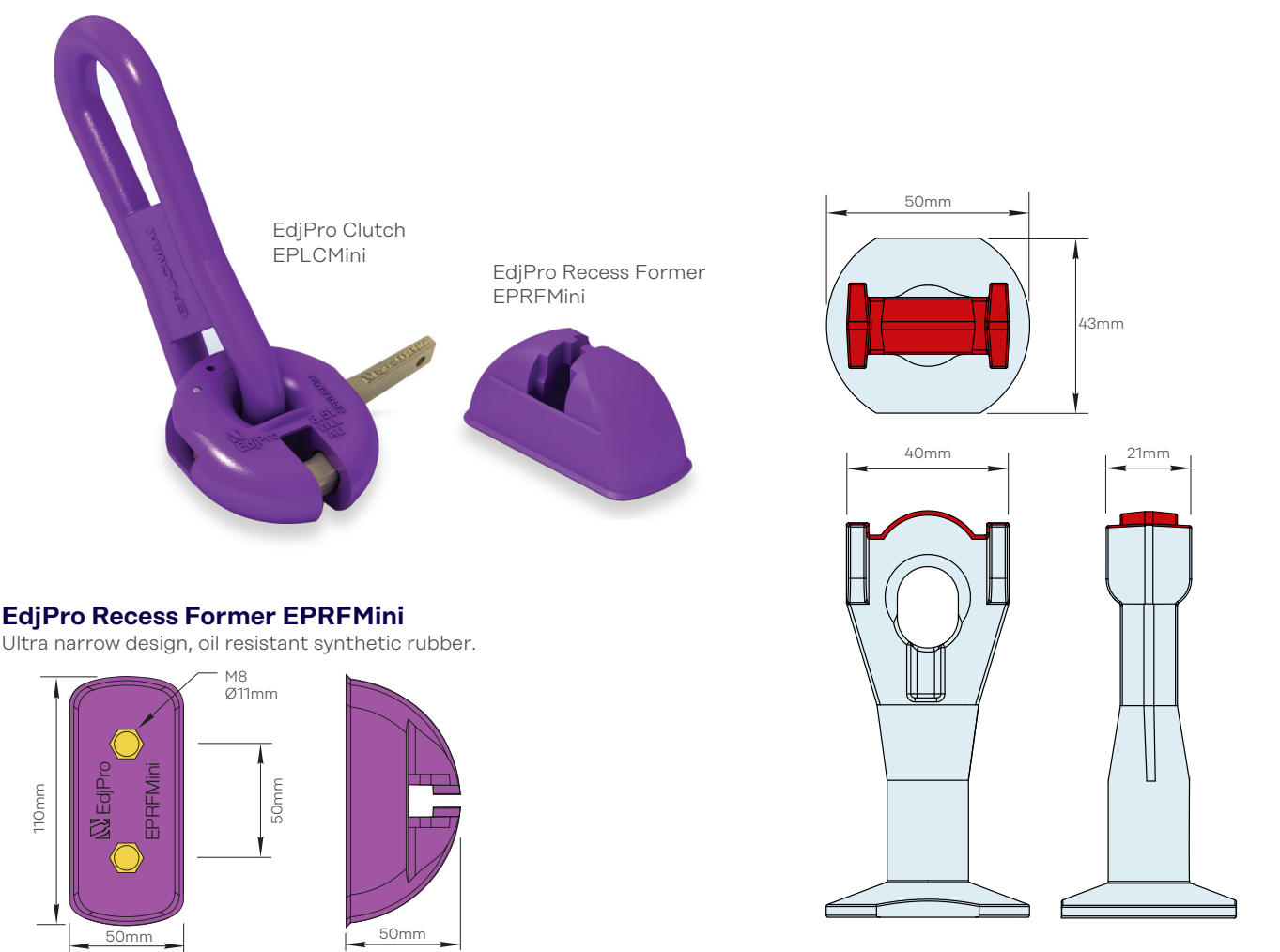
Working Loads in Tension

The concrete cone capacity of EPMFL at different concrete strengths at the time of lift depends on the minimum edge distances to the anchor. The values of working load limit (WLL) in this table is calculated in compliance with AS3850.

Anchor Type	Lifter Length (mm)	Minimum Panel Thickness (mm)	Effectice Embement depth h_{ef} (mm)	Minimum Edge Distance in all directions (mm)	Concrete Safe Working Load Limit in Tension Concrete Compressive strength at the time of lift f_{lift}					
					12MPa	15MPa	20MPa	25MPa	30MPa	40MPa
EPMFL100	100	125	102	155	2.1t	2.35t	2.7t	3.0t	3.3t	3.8t
EPMFL125	125	150	127	191	2.9t	3.25t	3.75t	4.2t	4.6t	5.3t
EPMFL150	150	175	152	300	3.95t	4.6t	5.55t	6.45t	7.3t	8.5t

Reinforcement of Panels according to AS3600 Minimum Requirements.
Please contact the Leviat technical team for reduced capacities where smaller edge distances are required in any direction.

Important! EPMFL is not suitable for edge lifting applications. The capacity is limited at the edge since no hanger (tension) bar is used. Therefore, it is not recommended to replace EPMFL with the EPHIMini lifters at the edge.



Important! The EPMFL must be installed with the EPRFMini (or EPNRF07) recess and lifted with the EPLCMini clutch (or the compatible but now superseded EPLC07). This system is not compatible with other components without written authorisation from Leviat.