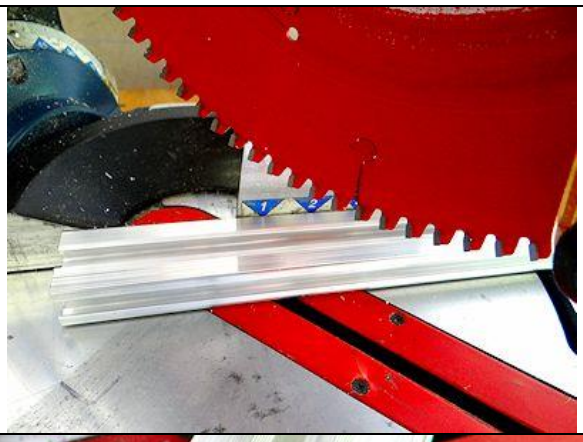
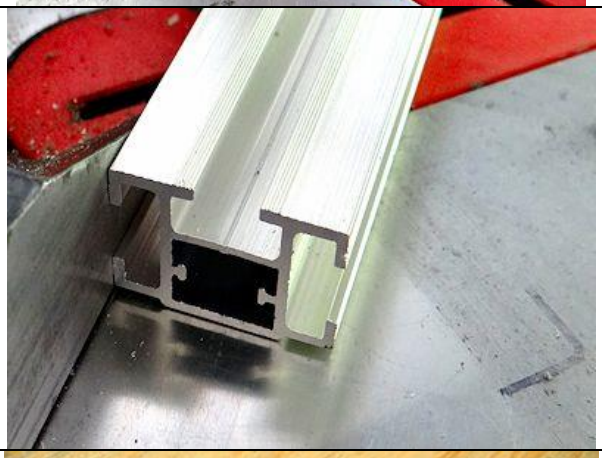
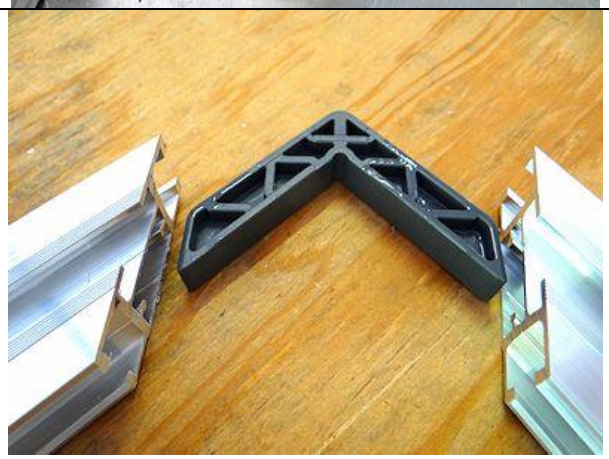
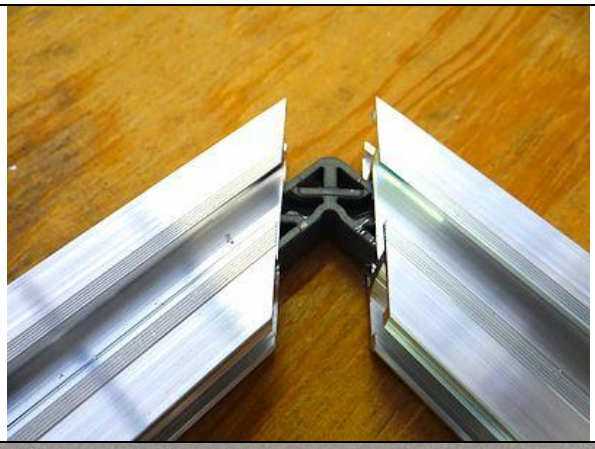
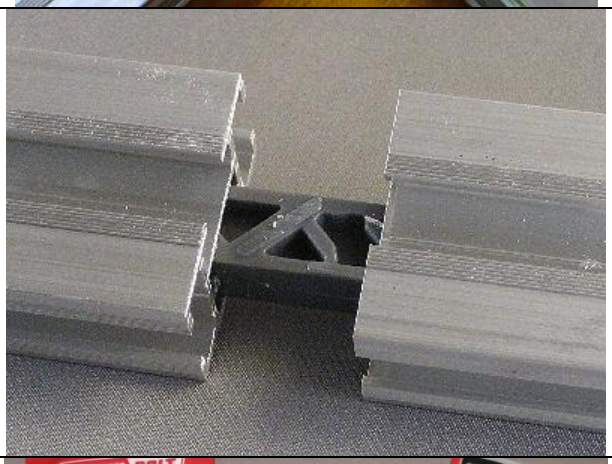
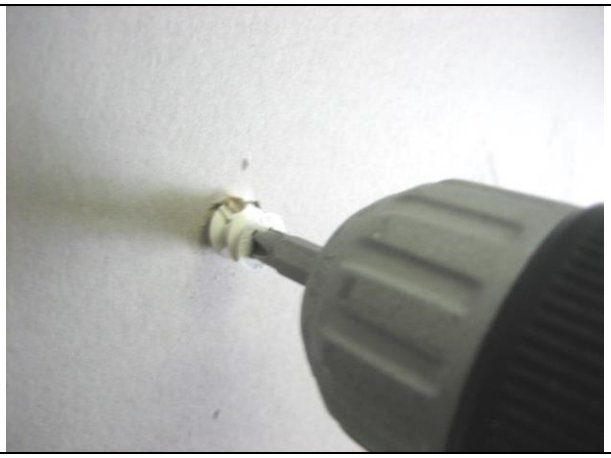
Fabricating and Installing a TS32 Frame

Cutting, assembling, screwing and installing the TS32 frame	
	Our TS32 aluminum bar is suited for mid-size to large interior/exterior signs. It is easily installed on a variety of surfaces such as dry-walls, cement, stucco concrete, certain type of fluted walls.
	This extruded aluminum bar is light and sturdy. The cutting is done using a miter saw with a fine teeth blade cutting through metal (Aluminum, copper) and PVC.
	Checking the cut angles and preparing the PVC corner for insertion. These PVC corners are useful when installing a frame on a wall. They ease the positioning of the extrusions before the drilling operation.

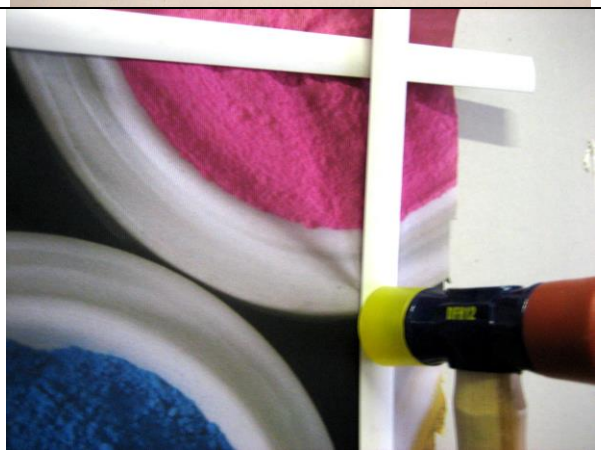
	Drill holes (every 15” to 20”) to screwing the TS32 extrusions on the wall.
	The PVC joiners (TS90) are used to facilitate the alignment when the frame is installed to be drilled and screwed to a wall.
	As screws you can use Flathead Philipps screws (1.5”, 2”, 3”…) to fix the extrusions on a wall. The flathead model does not obstruct the extrusion channel where the graphic and the locking strip will be inserted. Use appropriate anchors for the selected wall (Dry-wall, cement, concrete, bricks…)
	Position your frame segment on the wall and mark each hole with a pen or pointer. Drill holes in the wall and put the appropriate anchor (here, a dry-wall anchor)

TS32 – GRAPHIC FIXED ON THE FRONT

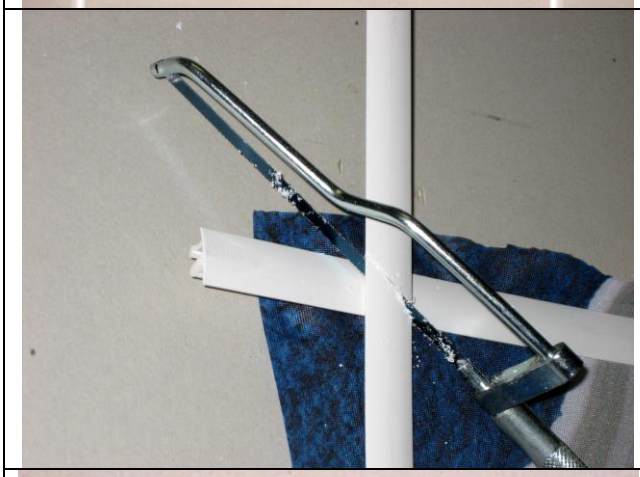
The graphic must have a bleed of 3”-4” minimum to handle it during the installation.
When the graphic is mounted on the front the graphic dimensions must be:
Width + 4” + 4” and high + 4” + 4”

When the graphic is installed on the front, the frame can be fixed on the wall with a space between screws of around 20”.
When the locking strip is pounded by the hammer the extrusion is laying by the wall.

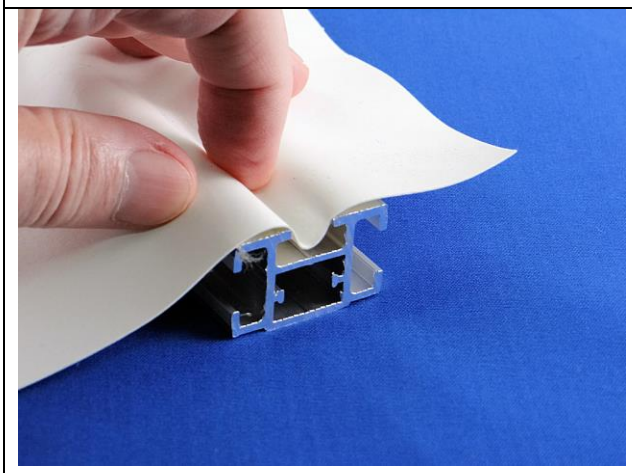
Position the graphic and maintain it in place, starting from the top, using small pieces (1”) of clipping bar.



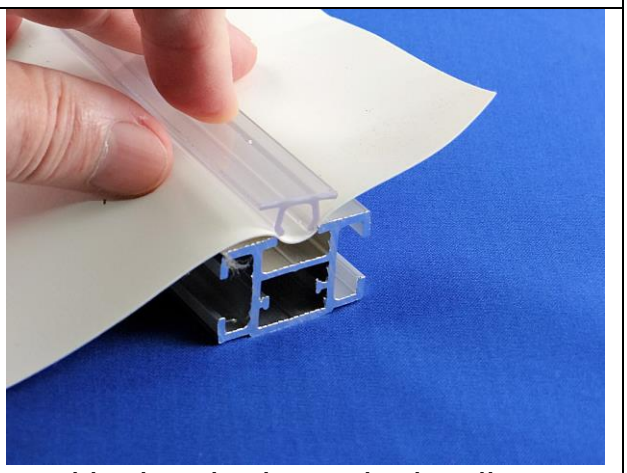
Then the locking strip segments are removed using a flat screwdriver and replaced by a longer one using a dead blow hammer or a **hard nylon head** hammer.
>>> It is important to use the appropriate hammer (See picture)
A steel hammer would increase the risk of breaking the TS79W/B.

	The TS79W/B (Locking strips) bars are crossing at each corner. Next step cut the angles with a mini hacksaw.
	Using a mini hacksaw to cut the corners as shown. Do not forget to mark the bar underneath with the blade. Gently pull the top bar and put the underneath one on top. Then cut it following the mark.
	One corner, and 2, 3, 4… Then remove the extra bleed …and your TS32 frame is finished!

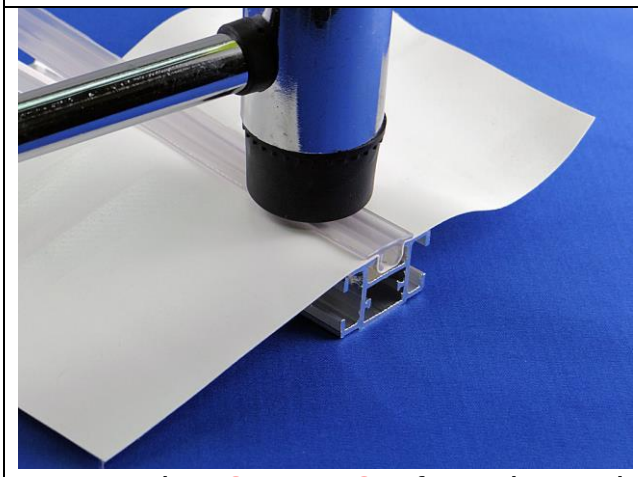
TIP: Safely inserting and removing the PVC extrusions



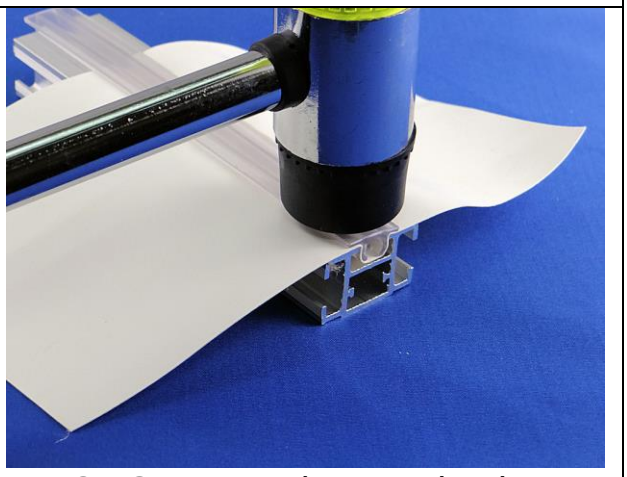
Tucking the banner with fingertips in the aluminum channel



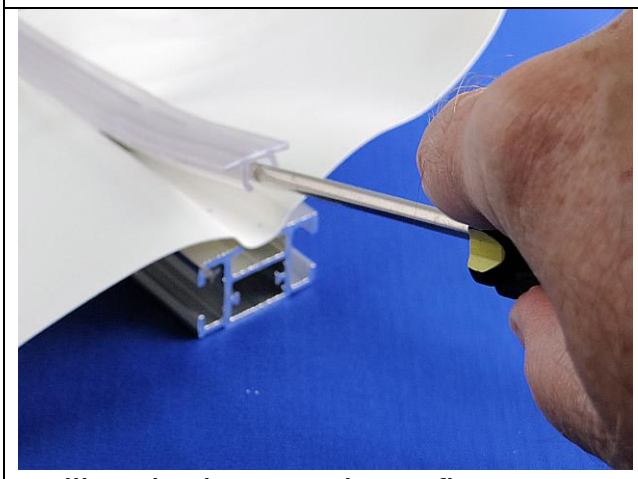
Positioning the insert in the dip



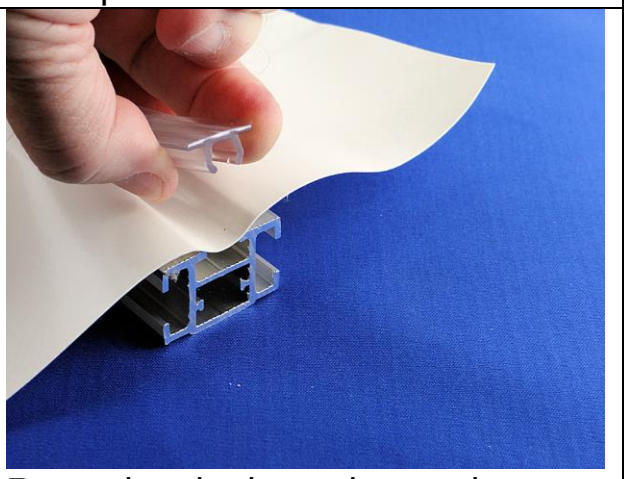
Hammering ONE INCH from the end of the PVC insert



WRONG WAY to hammering insert- The tip of the insert could break

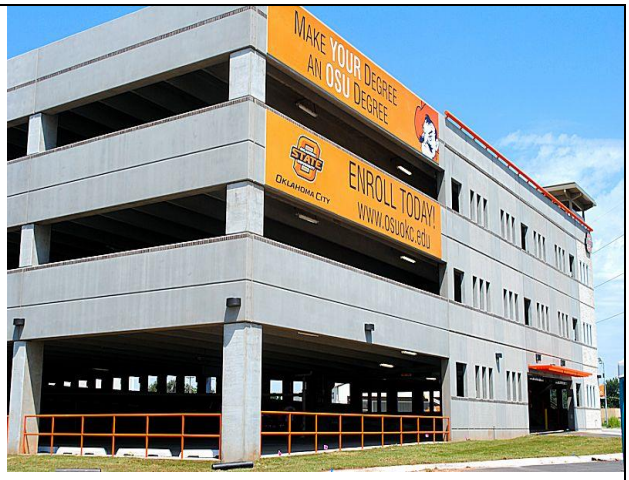


Pulling the insert using a flat screwdriver



Removing the insert by gently pulling it, and without bending it excessively.

4ft. x 49ft. stretched storefront banner



TS32 Banners on parking

Supermarkets
Stretched Banners on shelves

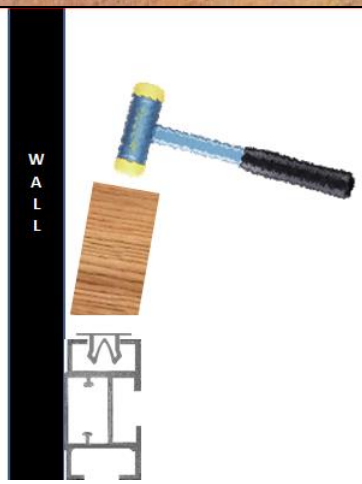
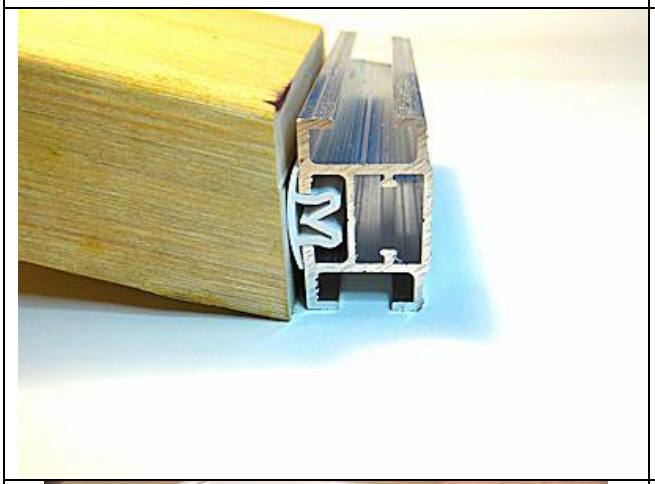
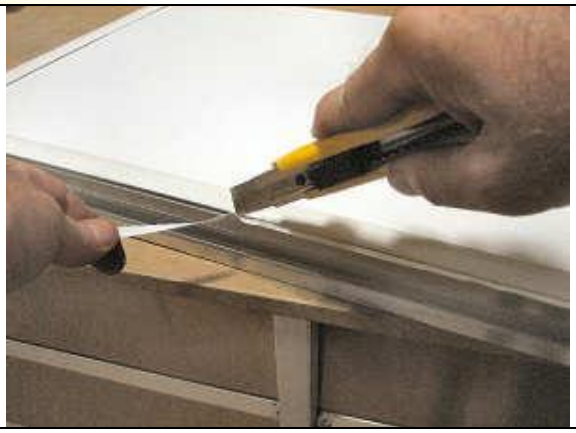
Supermarkets
TS32 Rigid Frame

TS32 – GRAPHIC FIXED ON THE SIDE

The graphic must have a bleed of 3”-4” minimum to handle it during the installation.
When the graphic is mounted on the side the graphic dimensions must be:
Width + 4” + 4” + twice the frame thickness (For the TS32 it is either 1” or 1.5” depending the way the frame has been cut.
When the graphic is installed on the side, the frame can be fixed on the wall with a smaller space between screws of around 12”-15”.
When the locking strip is pounded by the hammer only the screws in the extrusion are supporting the blows, so the extrusion must be solidly fixed to the wall not to displace the frame.

The process is slightly different when the locking strip is inserted on the side.
The installation steps are:

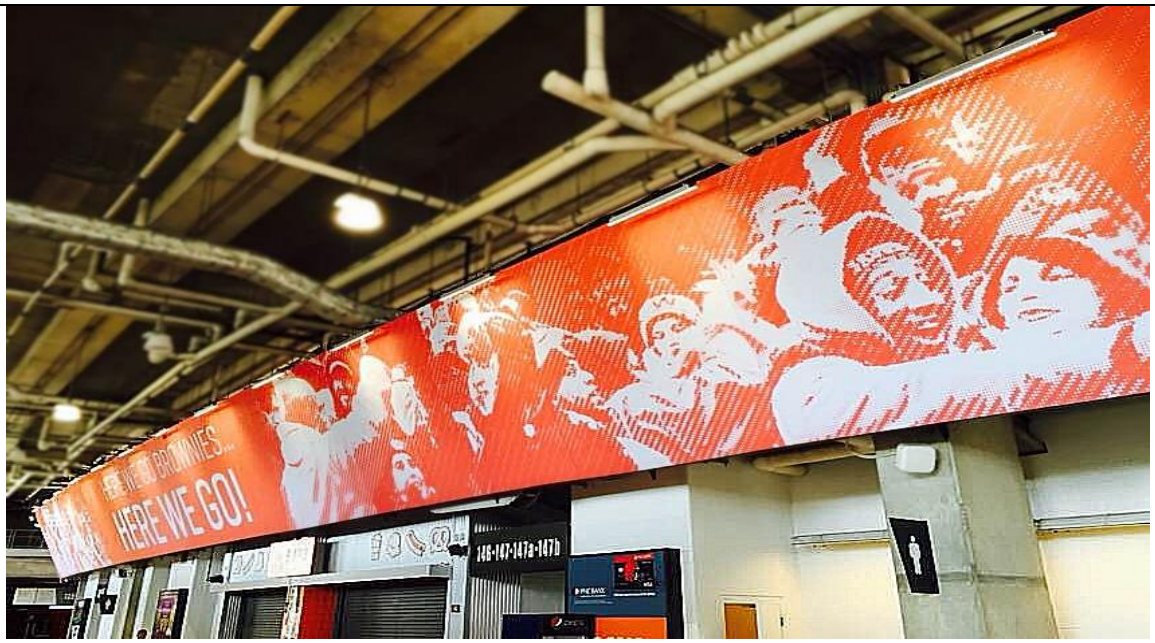
1) Fix the graphic with locking strip segments all around the frame. Do not try to stretch the graphic too much. Start inserting segments on one side, then the opposite one, then the sides and finish by the bottom.
2) Then replace segments by longer locking strips. If the frame on the wall is large (Width over 15’) start from the top center and continue towards the sides
3) In the corners the way to cut the locking strip is different.

	
	TIP: Using a piece of 2” by 4” for inserting the locking strip on the side. This way you will get enough space to pound your hammer on the locking strip. Cut the 2” by 4” with an angle of 15 degrees, it is sufficient to give some space and provide a good transmission of the blow on the locking strip.
	To fix the graphic on the side of the TS32 extrusion you will need some sufficient space around the frame. To pound the 2” by 4” on the sides of the frame around a foot minimum of free space is necessary.
	Once the locking strips are inserted all around the frame you can remove the extra bleed around it.

New-Orleans Superdome

A total of eight 9’ by 72’ frames were installed at the four parking entrances.

These TS32 frames were screwed to a cement wall and graphics were fixed and stretched on the side of the extrusion.



TS32 – Stadium Court Food - 310' by 13' Vinyl Banner mounted on steel structure with graphic fixed on the side.

YMCA-8'X15'-TS32Frame - Graphic Fixed On The Side

TS32 - Eleven 10ft x 24ft Banners stretched on a parking side
We can see that the White PVC inserted on the side is discrete.