

Mounting Large External Signs with Bonding Tapes

Client	Austen Knapman Metals Paignton, Devon
Sign Manufacturer	Harmony Signs Paignton, Devon
Bonding Tape Manufacturer	Technibond Bourne End, Bucks
Product	HDF High Shear Loading Bonding Tape

Martin Smith of Harmony Signs, Paignton called on Technibond for their specialist adhesive knowledge when his company were contracted to erect a prodigious corporate metal sign for Austen Knapman in the town.

Harmony Signs have been carrying out the manufacture and installation of specialist sign projects since 1960. With their skilled workforce and latest technology it enables them to interpret designs to create something distinctive for the client.

"When a client requests something special that is music to our creative ear" enthuses Martin, "although it brings many challenges it is seeking the best solution that pushes the frontiers and enables the client to put their name and message first in the competitive market place."

Technibond were given the brief that the stainless steel letters were to be faced with large acrylic cutouts, and they had to stay securely bonded for many years in all weather conditions.

For Technibond, who are actively involved in the Sign Industry advising on the use of their high performance bonding tapes, the project was easily resolved with the use of **HDF** - their high shear loading bonding tape.

The **HDF** product has been used extensively in industry for many years, as it is a proven product for external use, where high shear loading adhesion is critical.

The bonding tape is based on a very strong but elastic PE Foam core, coated with a solvent PURE Acrylic adhesive, designed to perform for many years in damaging environmental conditions. The flexible foam carrier also allows for thermal differential movement between the two substrates.

On site, the acrylic letters, with the **HDF** tape already applied, were simply offered to the cleaned metal letters, overall hand pressure applied, and the letters were securely bonded into place.



Harmony Signs are now using the **HDF** product for most of their signage work, with other specialist Technibond products being used for :

- bonding clear letters on to a dark acrylic background
- white double sided to act as second screenprint colour
- thin clear tape to laminate several layers of acrylic together
- optically 'glass clear' tape to bond clear acrylics together

Technibond are major converters of these performance bonding tapes, and say they can supply any of their products, in any width tape to match surface requirements, cut to size within a few days

Free samples are available on request for production trials to prove the validity of the adhesion performance.

Contact Technibond for application advice and to request your free **HDF** sample roll. email : HDF.info@technibond.co.uk