



The front face of a DuraBarrier® Installation.



DuraBarrier® module being installed.

## DuraBarrier®

### Exterior Transformer Fire Separation Barrier

The DuraBarrier® is designed to prevent exterior transformer fires from spreading to adjacent transformers or buildings thus helping to mitigate the damage of a transformer fire.

Transformer fires are an all too common event in our ever expanding high tech world. An aging electrical grid and increased demand on ancient transformers has made the fire separation of these ticking time bombs a critical safety requirement. The oil fueled fires that result from transformer failures can cause incredible damage to buildings and other surrounding electrical equipment, not to mention the possibility of injury to workers or passersby.

To help mitigate the damage from these transformer fires DuraSystems has designed the DuraBarrier®, a light weight, modular fire separation system that has been tested for 6 hours fire resistance. The DuraBarrier® meets the stringent requirements of NFPA 850 for exterior transformers and is used at major utilities throughout North America.

The DuraBarrier® modular system requires no welding, and simply bolts together for a quick and easy installation. It can also be disassembled to allow for maintenance in tight space retrofit applications and is pre-engineered for wind speeds (3 second gust) up to 200mph and is also seismic resistant. The DuraBarrier® is pre-engineered for heights up

to 32 feet with no limitations on the available lengths. The DuraBarrier® requires minimal foundations and is available in either a continuous foundation style or pier foundation style making it ideal for areas where underground disturbances must be kept to a minimum. In a further effort to reduce the number of piers, the DuraBarrier® is designed to span an amazing 16 feet between columns. If your requirements are outside this range, DuraSystems can design a DuraBarrier® for even greater heights and longer spans.

The DuraBarrier® is a light weight, removable, and easy to install exterior transformer fire barrier that will help protect people and property from the potentially devastating effects of a transformer fire.

Please visit our website at [www.durasystems.com](http://www.durasystems.com) or contact DuraSystems for further information at [info@duyasystems.com](mailto:info@duyasystems.com).