



DuraBarrier SF

Exterior Transformer Fire Separation Barrier for Limited Spaces

The DuraBarrier SF is a 4 hour hydrocarbon tested small footprint fire barrier designed to **fit in a confined space & 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 old & volatile 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 site personnel.

To help mitigate the damage from these transformer fires, DuraSystems has designed the DuraBarrier SF, a light weight, modular fire separation system that has been tested up to 4 hours hydrocarbon fire resistance. The DuraBarrier SF meets the stringent requirements of NFPA 850 for exterior transformers and is used at major utilities throughout North America.

The DuraBarrier SF modular system requires no welding, and simply bolts together for a quick, easy installation. The system can also be disassembled to allow for maintenance

in tight space retrofit applications, is pre-engineered for geographic wind speeds (3 second gust) up to 200mph, and is seismic resistant. The DuraBarrier SF can be designed to permit barriers of almost any height, with no limitations on the available lengths, and to require minimal foundations. DuraBarrier SF can be supported by either Continuous or spread Pier foundations making it ideal for areas where underground disturbances must be kept to a minimum. The standard DuraBarrier SF is designed to span 12 feet between columns however if there's a need for wider column centers or greater wall heights the DuraBarrier SF can be designed to meet your requirements. DuraBarrier SF's Small Footprint design makes it ideal for tight space installations.

The DuraBarrier SF is a light weight, removable, easy installation for exterior transformers that will help protect people and property from the potentially devastating effects of a transformer fire.

Please visit our website at www.durasystems.com or contact DuraSystems for further information at info@durasystems.com.