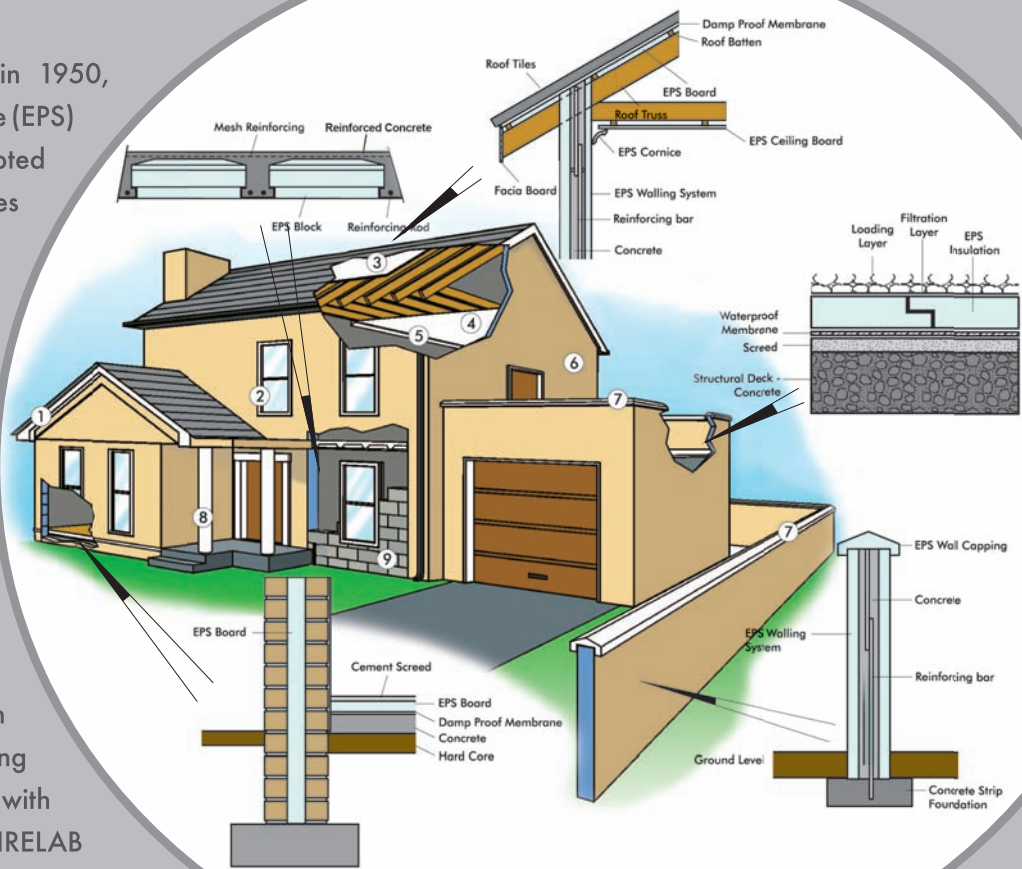


# HIGH IN PERFORMANCE LOW ON ENERGY CONSUMPTION

Since its invention in 1950, Expanded Polystyrene (EPS) has become accepted in many countries around the world as a safe, economical & energy-saving form of insulation.

From a fire safety point of view, EPS is now available in a fire retardant grade, EPS styFRene™. It may be used as part of the thermal insulated building envelop in all buildings as an under-roof and side cladding insulation material, both with or without sprinklers. FIRELAB Report F TC06/075 page 9. (See full report at [www.epsasa.co.za](http://www.epsasa.co.za)).



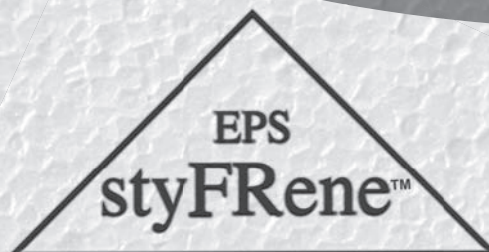
In construction, EPS sheets and boards are used for thermal insulation, while loose beads are used as an aggregate in lightweight concrete, plasters and renderings. Other uses include insulation for under floor heating systems, drainage boards, permanent form work, foundation and prefabricated wall systems.

## Key to EPS styFRene™ product applications

1. Decorative mouldings
2. Window and door surround mouldings
3. Under roof tile insulation
4. Insulated ceilings
5. Cornices
6. EPS plaster
7. Wall and column cappings
8. Decorative columns
9. Wall system



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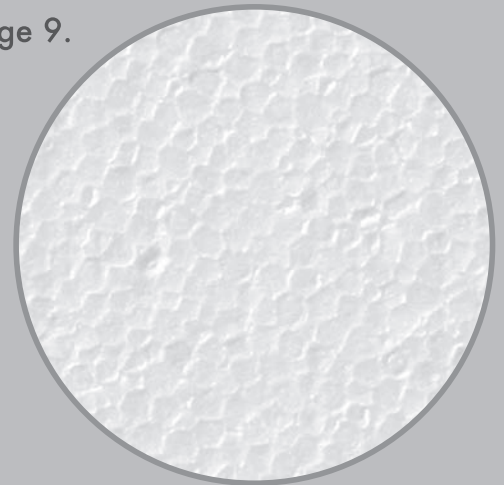
# NO FLAME SPREAD!

## DISPELLING THE MYTH OF EXPANDED POLYSTYRENE

EPS styFRene™ (EPS-FR) can be used in accordance with SANS 10400 T and is rated by SANS 428 as: B/B1/2/H & V.

“From a fire safety point of view the FR grade EPS thermal insulation system as tested under specific test conditions may be used as part of the thermal insulated building envelope in all industrial and commercial buildings as an under-roof and side cladding insulation material, both with or without sprinklers.”

Reference: FIRELAB Report F TC06/075 page 9.  
See full report at [www.epsasa.co.za](http://www.epsasa.co.za).



Administered by



P. O. Box 7861 Halfway House, 1685  
t: 011 805 5002; f: 011 805 5033;  
e: [epsasa@aaamsa.com](mailto:epsasa@aaamsa.com)  
[www.epsasa.co.za](http://www.epsasa.co.za)

