

## Earthquake victims don't need to freeze anymore.

Hamburg, 18th November 2011



LMP Survival Inside and Outside tent colors are successful tested at  $-25^{\circ}\text{C}$  in the cold chamber of Globetrotter together with the Red Cross Germany, commissioned by the Red Cross Turkey (Kizilay) in Ankara.

The heat should stay in the winter with minimal heat loss in the tent, this is the declared aim of the product developer of LMP, an environmental company from Hamburg. In contrast to the summer the special colors reflect the heat from the surface of the tent and lower the temperature about  $9^{\circ}\text{C}$ . Also in the housing and house construction identical LMP environmental colors are used for interior and exterior applications. These colors are characterized by the small micro glass beads structures and IR pigments. These ensure that the moisture is transported outwards. Between the glass beads finest capillaries are created, which provide for the removal of moisture. By this no mold arise. The walls remain dry. This wall and facade colors LMP COLD and LMP HOT reduce the cost of heating the apartment or house significantly!

### Survival - test results:

The untreated tent made of thick cotton cloth, which has supplied the Turkish Red Cross (M. Mehmet Cebi) reveals amount of heat. On the outside of the tent 58.1°C were measured. The cotton surfaces, which were coated with LMP climate coating, have let very little heat pass. The surface has only heated till 38.6°C. The temperature difference was 19.5°C between the untreated and LMP-coated tent!

So it is possible to help the earthquake victims in Turkey to survive with only 2-3 candels/per night and tent at an outside temperature of -15°C with the LMP Survival coating. The tents, coated with LMP Survival colors are wind-and rain-proofed and weather-resistant. The colors are not flammable (A2). The tents can be up and dismantled often without any detectable damage of the surface. An extreme durability and long life is expected. Also under pressure and heat (60°C), the tent areas aren't stick together.

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LMP Survival Tent tested color with professional assistance by Anton Rathgeb, emergency services, disaster preparedness, Red Cross State Association Hamburg, Red Cross, Germany. We also thank Mr. Rathgeb and Blobetrotter in Hamburg for their support especially in 22.6°C below zero.

