



Dead Sea Mud Production Process

Mud Processing passes through several stages:

1- Collecting Stage:

The Mud is collected manually from the mud Area in the Dead Sea.

2- Screening Stage:

The Mud is mixed well in order to become homogeneous and to facilitate screening process. Then the Mud is screened by a special screen with mesh size of 0.5 mm.

3- Sterilized Stage:

The Screened Mud is placed in sterilizing machine where the mud is heated to 80c for 30 minutes. While mixing we add 15% kaolin and 2% Glycerin of the total weight of the mud until we get a homogeneous mixture. To add perfumes or other additive according to the customer request.

The benefit of the heating to decrease the Mud stench which is caused by:

- The existence of micro organism (fungus and bacteria) which don't exceed 100 CFU (Colony Forming Unit). These micro organisms cause decaying of organic matter existing in the Mud.
- Existence of Sulfur which is converted into gaseous case during heating.

Some additives is added to the Mud during the Sterilizing Stages:

- 1- Kaoline: (10% min) gives the Mud a homogeneous behaviour and a creamy touch.
- 2- Glycerin: (2%) gives the Mud a moisturizing effect.
- 3- Perfume: (0.1%) (According to the customer demand)