

# Simulations for temperature ranges between 2 and 8°C over 48 hours

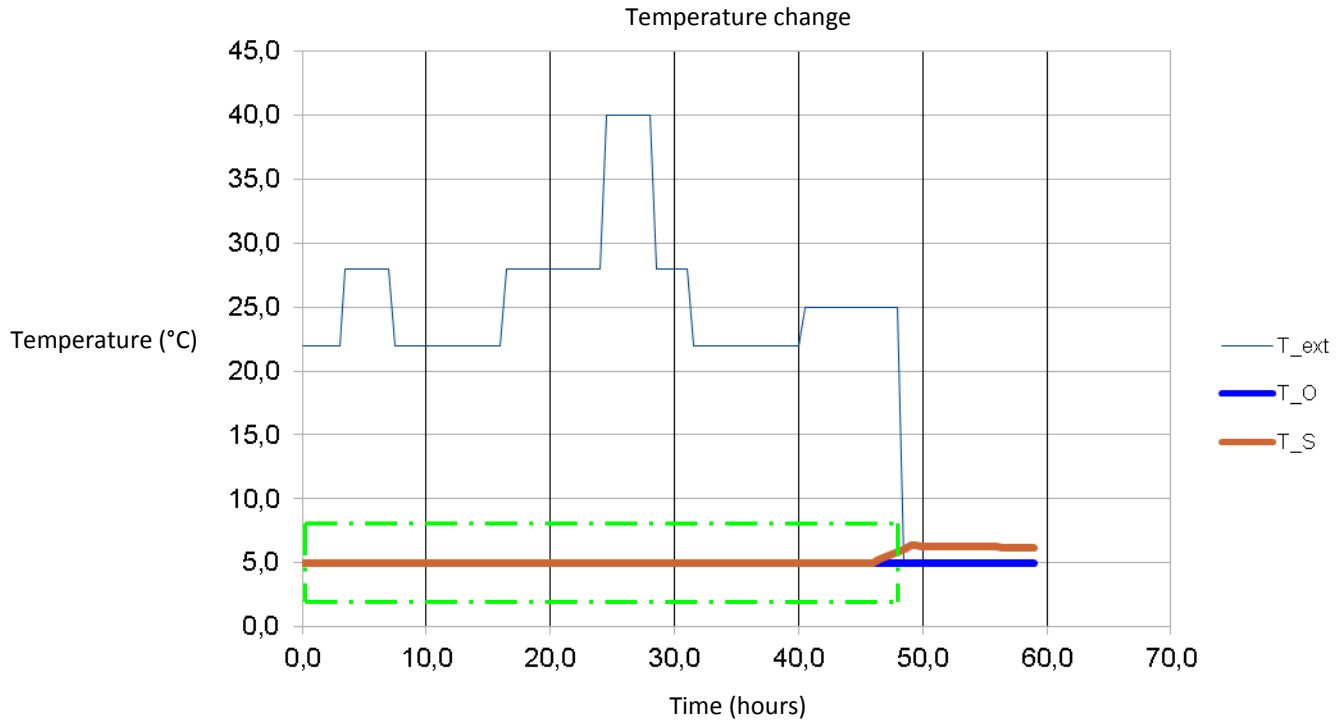
A 1,261 litres container measuring 120 x 80 x 193 cm in « nidalu 60 » panelling

$T_{ext}$  : exterior temperature -  $T_O$  : temperature at the centre of the container -  $T_S$  : temperature at the edge of the container

In compliance with the NF S99-700 standard's ST-48-a temperature profile

48 hours in a **sustained summer weather conditions** : July-August.

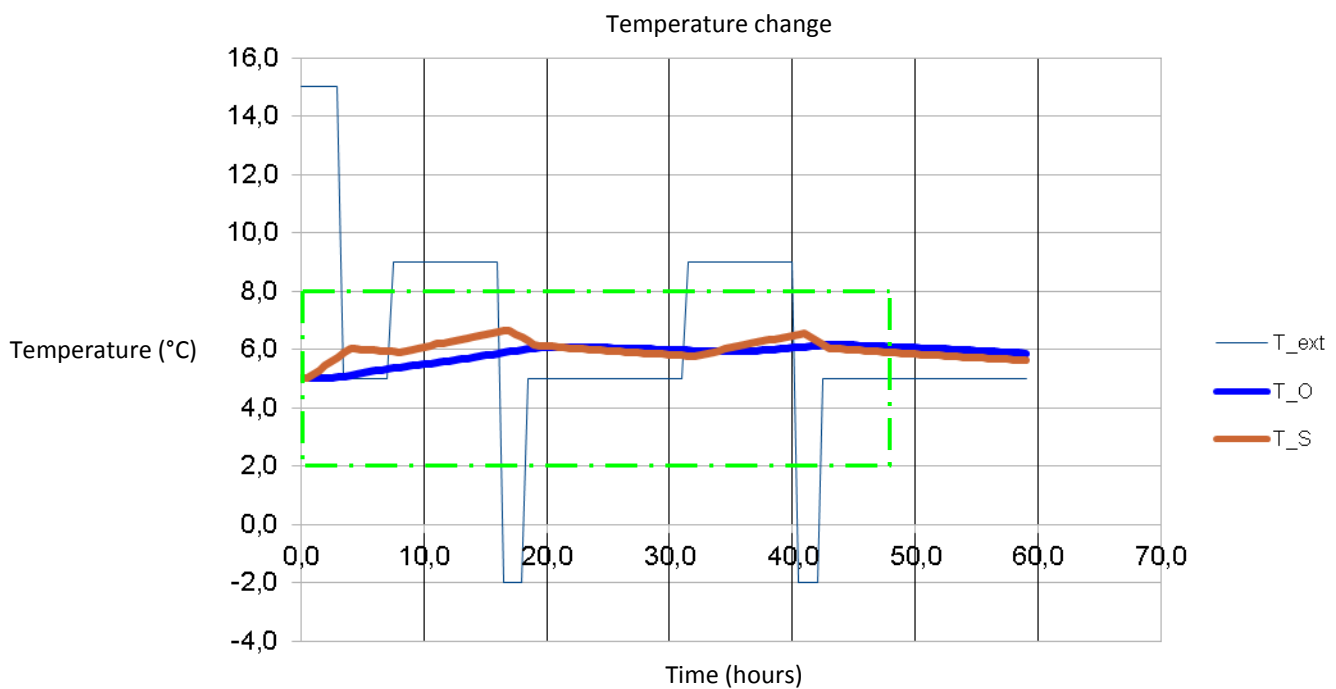
66% of container volume filled with organic material and 5,5 % with eutectic substance



In compliance with the NF S99-700 standard's ST-48-d temperature profile

48 hours in a **sustained winter weather conditions** : January-February

66% of container volume filled with organic material



# Simulations for temperature ranges between 2 and 8°C over 96 hours

A 1,261 litres container measuring 120 x 80 x 193 cm in « nidalu 60 » panelling

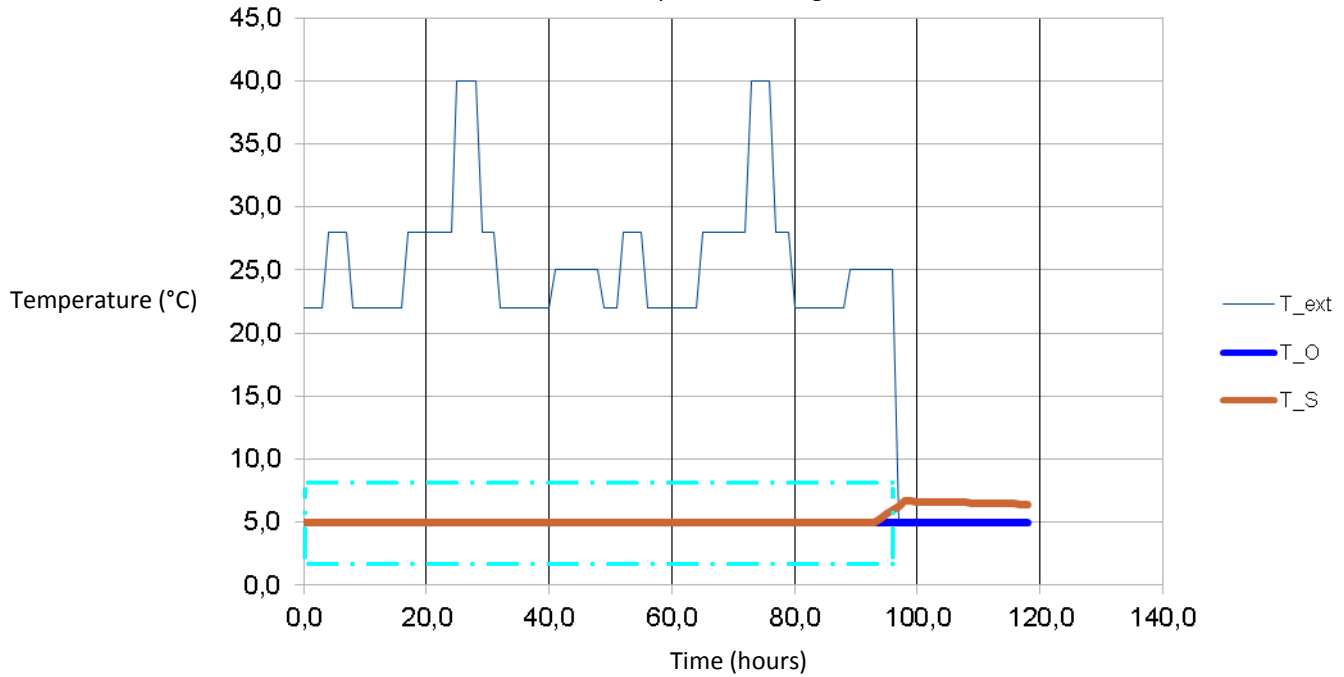
T\_ext : exterior temperature - T\_O : temperature at the centre of the container - T\_S : temperature at the edge of the container

In compliance with the NF S99-700 standard's ST-96-a temperature profile

96 hours in a **sustained summer weather conditions** : July-August

66 % of container volume filled with organic material and 11,2 % with eutectic substances

Temperature change

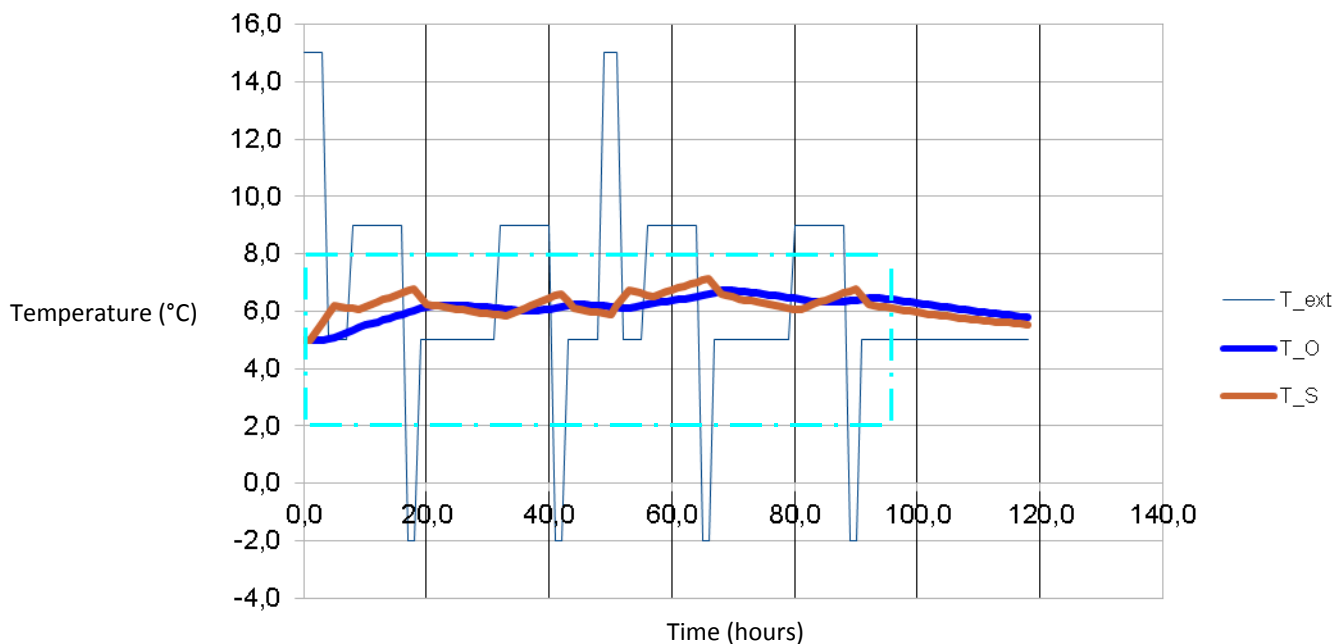


In compliance with the NF S99-700 standard's ST-96-d temperature profile

96 hours in a **sustained winter weather conditions** : January-February

66 % of container volume filled with organic material

Temperature change



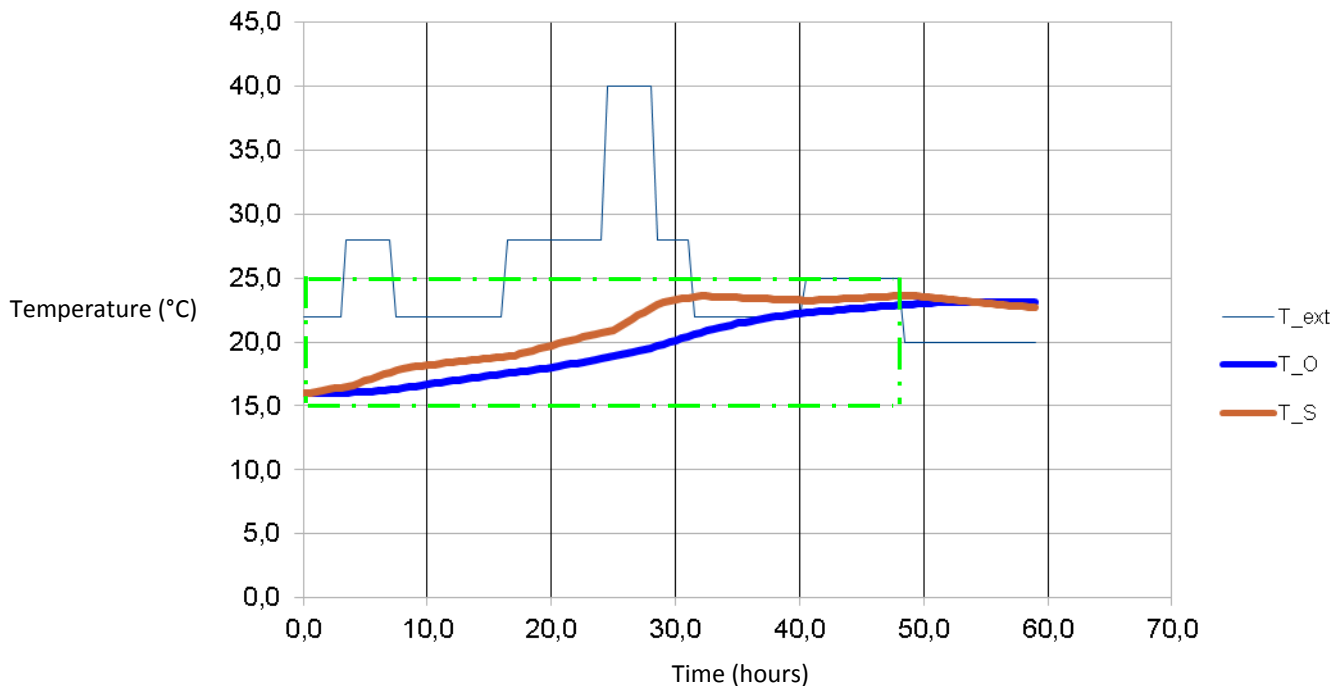
# Simulations for temperature ranges between 15 and 25°C over 48 hours

A 1,261 litres container measuring 120 x 80 x 193 cm in « nidalu 60 » panelling

$T_{ext}$  : exterior temperature -  $T_O$  : temperature at the centre of the container -  $T_S$  : temperature at the edge of the container

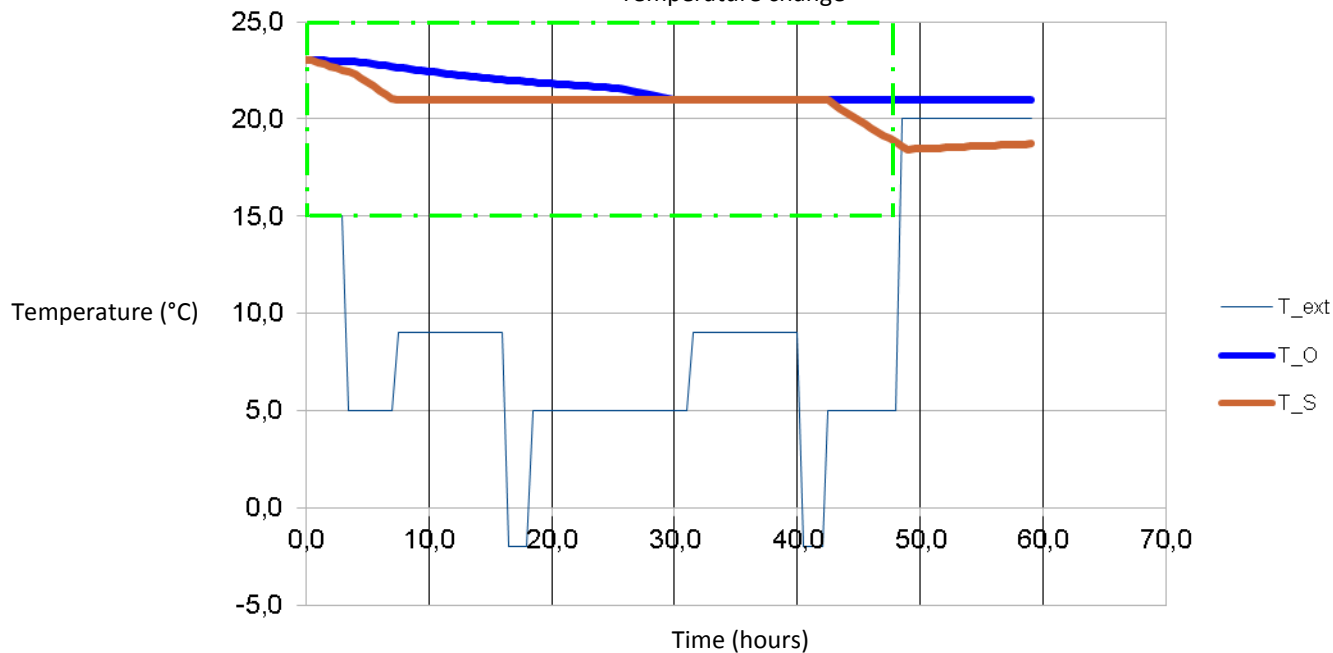
In compliance with the NF S99-700 standard's ST-48-a temperature profile  
48 hours in a **sustained summer weather conditions** : July-August  
**66 % of container volume filled with organic material**

Temperature change



In compliance with the NF S99-700 standard's ST-48-d temperature profile  
48 hours in a **sustained winter weather conditions** : January-February  
**66 % of container volume filled with organic material and 3 % with eutectic substances**

Temperature change



# Simulations for temperature ranges between 15 and 25°C over 96 hours

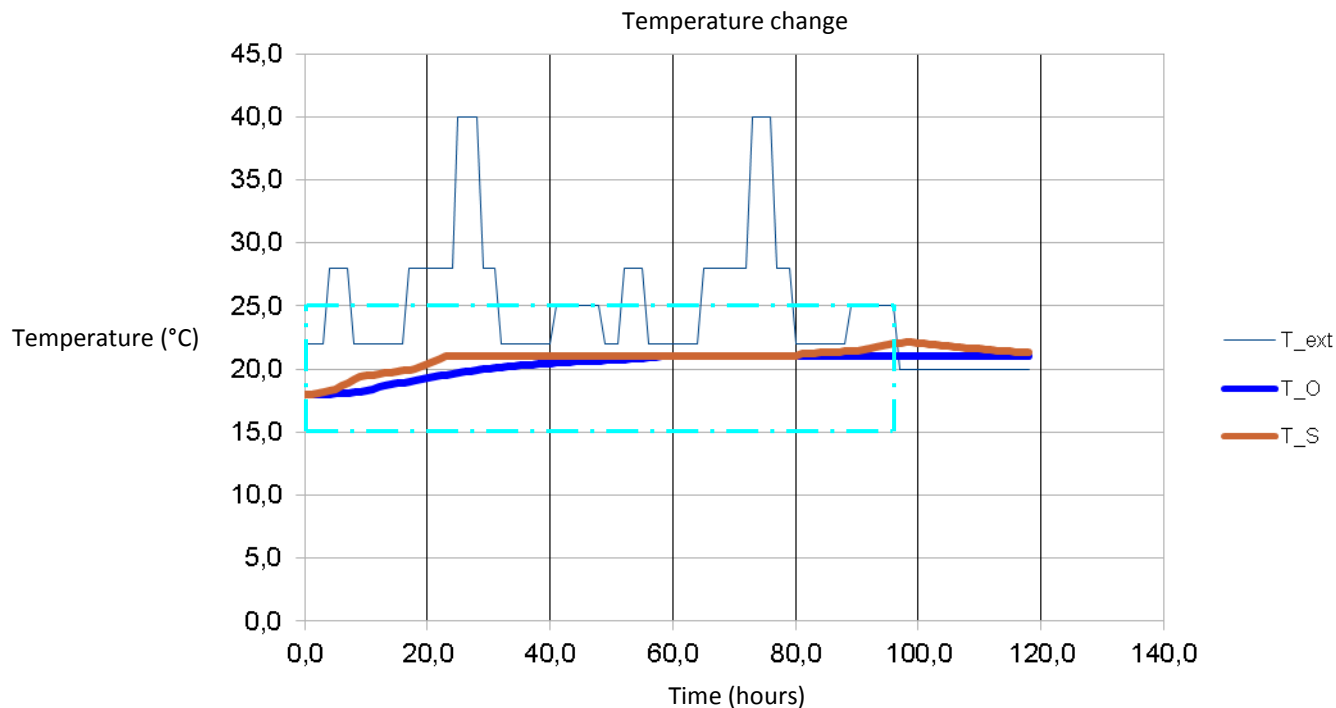
A 1,261 litres container measuring 120 x 80 x 193 cm in « nidalu 60 » panelling

T\_ext : exterior temperature - T\_O : temperature at the centre of the container - T\_S : temperature at the edge of the container

In compliance with the NF S99-700 standard's ST-96-a temperature profile

96 hours in a **sustained summer weather conditions** : July-August

66 % of container volume filled with organic material and 2 % with eutectic substances



In compliance with the NF S99-700 standard's ST-96-d temperature profile

96 hours in a **sustained winter weather conditions** : January-February

66 % of container volume filled with organic material and 6,5 % with eutectic substance

