



Agenda

- What is the issue?
- The Raychem Solution?
- Rollout Process

What is the issue?

- Open or semi-open construction sites in cold winter season need to continue their work
- Ground work for temperature maintenance of electric and telephone lines,
 machinery and masonry work during winter time

Filling the product gap in our snow melting product range

Raychem solution

New product offer: EM-DEFROST-HEATING MAT-3M2

Portable robust heating mat for outdoor application

EM-Defrost-Mat can be used for

- Soil, sand, sewers, feed in silos or silage bales and frozen water pipes.
- Temperature maintenance of electric and telephone lines, machinery and masonry work.
- Fresh water well drilling.
- Defrosts up to 30 cm of ground frost per 24-hr period
- Sand ground up to 60 cm



Portable, safe and easy to use by everyone

Technical data

Raychem EM-DEFROST-MAT- 3M2•

A portable, robust and flexible heating mat for thawing and defrosting in many different situations.

Product features

High safety by

- built-in over temperature protection
- Reflexing stripes on a yellow colored mat surface for better visually during darkness
- Easy to roll-out and carrying by wide handles
- Installation instruction printed on mat
- Fast connection and operation by EU plug
- Eyelets on the sides for fixing or suspension
- Fixed ropes for easy storage
- Cold lead length 3 m
- 230 VAC voltage



Raychem EM-DEFROST-MAT 3M2



PRODUCT OVERVIEW

situations. It allows for building ground works during wintertime such temperatur naintenance of electric and telephone lines, machinery and masonry work

Defrosting of soil, sand, sewers, feed in silos or silage bales and frozen water pipe

ORDERING INFORMATION

- Temperature maintenance of electric and telephone lines, machinery and masonry work.
- Fresh water well drilling

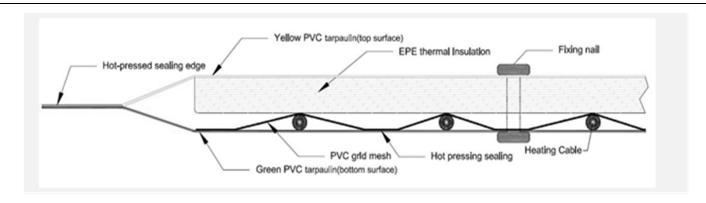
- - reflexing stripes on a yellow colored mat surface for
- better visually during darkness.
 Easy to roll-out and carrying by wide handles.
 Fast connection and operation by EU plug.
- Eyelets on the sides for fixing or su Cold lead length 3 m

TECHNICAL DATA

Power output	1000 W [+5%; -10%]
Voltage range	230 VAC; 50 HZ
Dimension	3200 mm x 1150 mm
Connection	3 m cold lead with with EU plug IP 44
Overheat protection	90°
Operation temperature	-30°C to +5°C
Storage temperature	-30°C to +50°C
Electrical protection on site	13 A
Heating cable type	Constant Wattage
Enclosure class	IP 67
Material	PVC tarpautin Insulation tayer EPE; thickness = 10 mm
Approvals	CE; SEMKO Standard: EN 40305-1:2012-411 Standard: EN 42232008 Standard: SS 4330792 ed. 1 EMKC-TUB(61)SF 003/87
Weight	9,3 kg

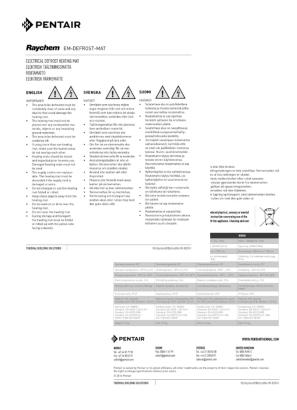
THERMAL BUILDING SOLUTIONS Raychem-DS-EU0773-EMDefrostMat-EN-1612 Rev0

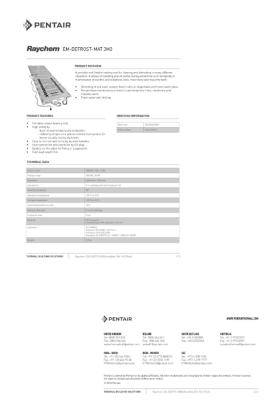
Technical data



Power output/	1000 W (+5%; -10%)
Voltage range/	230 VAC; 50 Hz
Dimension/	3100 mm x 1150 mm
Operation temperature/	-30°C to +5°C
Storage temperature/	-30°C to +50°C
Cold lead length with EU plug/	3 m , with overheat protection; 90° OFF, re-connect 60°C
Electrical protection on site/	13 A
Heating cable type/	Constant Wattage
Enclosure class/	IP 67
Material/	PVC tarpaulin and Insulation layer EPE; thickness = 10 mm

Literature







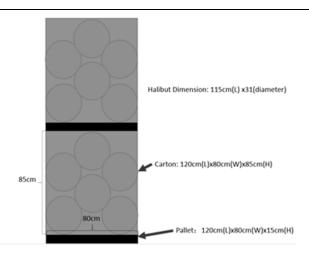
Installation manual (ML) Data sheet (EN, SE, NO, FI) Webpage (EN, SE, NO, FI)

Logistic info & Availability

Product on stock : February 2017

Roll-out : Jan /Feb 2016

Minimum order quantity: 1 carton = 6 pcs



- No stock in summer months; only what is left from last winter season
- New stock will be built according forecast with sales team and wholesalers in October;
- Ideally Wholesalers give orders to cover winter season by September/October

