

PREMARK®

Your instant solution to road marking tasks



PREMARK®

PREMARK®

- PREMARK® is preformed thermoplastic
- Manufactured since 1980
- Stop the use of templates
- Easy and safe to work with
- Long-lasting and made for heavy-duty use



PREMARK® - makes the world a safer place!



PREMARK®

History of PREMARK®



- 1981-1985: 90 % of all symbols in Denmark
- From 1985: Export to most of Europe
- From 1987: Export to USA
- From 1999: Own sales staff in Germany, France, Belgium and Poland
- From 2002: Export to Taiwan, South America & Oceania
- 2005-2006: More sales staff in Germany and UK



Technical Details



- Contains minimum 35% glass beads
- Layer thickness: 3.0 mm (+0.4/0.3)
- Retro reflectivity: $250/150 \text{ mcd/m}^2 \cdot \text{lx}$
(R3 class)
- Qd contrast: $130 \text{ mcd/m}^2 \cdot \text{lx}$ (Q3 class)
- Skid resistance: $55-60 \text{ SRT}$ (S3 class)
- Application temp.: $200-230^\circ \text{ C}$
- Self cleaning characteristics
- Available in any colour and design
- No toxic chemicals or heavy metals
- Delivered with glass beads on top



PREMARK® as Market Leader



- Continuous development for higher performance
- Increased export demands national test certificates and approvals, e.g.:
 - France: *NF 1436*
 - Germany: *Bast*
 - U.K: *BSi 3262*
 - Czech: *CSN 01 8020*
 - Poland: *IBDiM*
 - USA: *NTPEP/AASHTO/ASTM*
 - ...and many more!

 NF CONTRÔLE PAR ASQUER	MARQUE NATIONALE NF - EQUIPEMENTS DE LA ROUTE
<small>Organisme Certificateur: AFAQ AFNOR - Certification 11, avenue France Pressing - 93571 Saint-Denis La Plaine Cedex - Tél. : + 33 (0)1 48 11 37 00 - Fax : + 33 (0)1 48 11 38 40 certification@afaq.fr - www.marque-nf.com</small>	
<small>Organisme Membre - Association pour la Qualification des Equipements de la Route ASQUEW - 103, avenue A. Brant - 34294 Caillan Cedex - Tél. : + 33 (0)1 48 38 57 80 - Fax : + 33 (0)1 40 08 84 78 www.asquew.fr</small>	
Admission à la marque NF 21H30PS1 Date d'effet: 10/11/2005 Renouvellement au: 01/03/2006	SIGNALISATION HORIZONTALE PRODUITS DE MARQUAGE DE CHAUSSEES
LA SOCIETE LKF Vejmarkering A/S Danemark DK-5900 RUDKOBING Niveau de titulaire: 10	Représenté par LKF 46 Evensvej (près Linderup) 78140 THAUPEN NF-EN 1436 NF2
Est autorisée à apposer la marque NF sur le(s) produit(s) suivant(s), qui répond(ent) aux normes citées dans le référentiel :	
Désignation: _____	PREMARK E34
Nature: _____	bande péliculésque
Durée de vie: _____	1500000 passages de roues
Application sur le circuit d'essai: <i>RN2</i>	2003
La fiche technique du 15/11/2005 doit obligatoirement être annexée à la présente décision.	
La présente décision est prise en application des règles générales de la marque NF et du référentiel NF-Equipements de la Route (Révision 3).	
Ce droit d'usage est accordé jusqu'au 28/02/2008 sous réserve des contrôles effectués par ASQUER, qui peut notifier toute sanction conformément aux règles précitées.	
 ASQUER Directeur Général GUY DECHAUMET	AFAQ AFNOR Certification Le Directeur Général Délégué Jacques BESLIN

PREMARK® in the City



Protect the weak in traffic



Perfect for all signs...



Special Markings



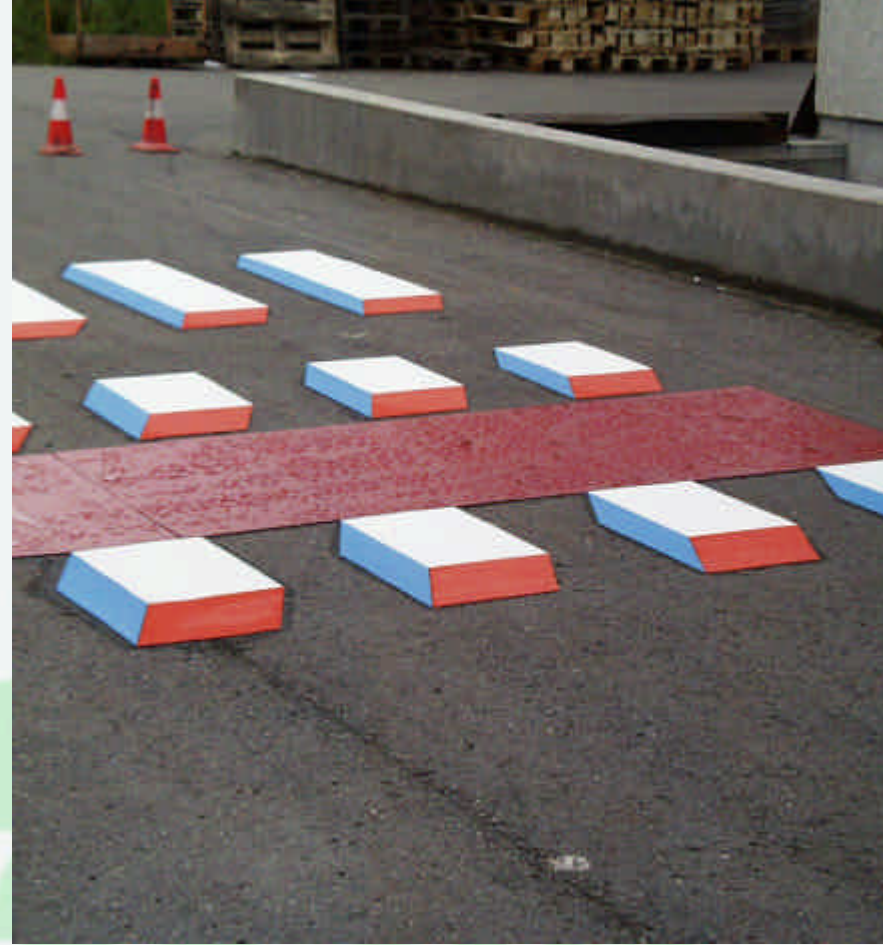
Playground Markings



Playground Markings



PREMARK® 3D markings



Anyone can do it...



PREMARK® in Belgrade



PREMARK® in Argentina



PREMARK® in Zagreb



PREMARK® in Russia



PREMARK® in Taiwan



PREMARK® in Spain



PREMARK® in Lithuania



Road Vilnius – Kaunas (E 85)





PREMARK[®] installation

It only takes 15 minutes!



Arriving at the work site

Team
PREMARK[®]
arrives in a
handy pick-
up truck.



Time: 0:00

Preparing the site for application



The crew
cleans the
surface with
a broom.

Time: 0:01



Removing moisture from the road surface

If humid or after rain, all moisture must be removed from the road surface using the propane torch.



Time: 0:02

Mark the exact position for the new marking



On new asphalt, or if the existing marking is unclear, it might be necessary to mark up first.

Time: 0:05

PREMARK® symbols and lines are easy to handle



Just place the
PREMARK®
symbols or
lines on the
asphalt



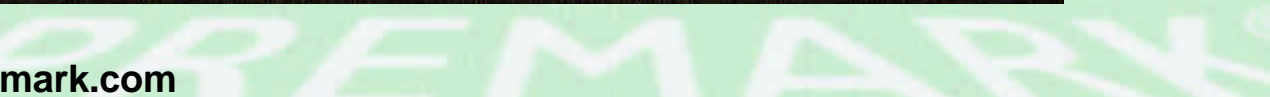
Time: 0:08

Perfect PREMARK® team work



While one person works with the burner, the colleague prepares the next marking

Time: 0:10



Work completed

Few minutes after the last PREMARK® marking has been installed, the work site can be left with a good conscience !!



Time: 0:15



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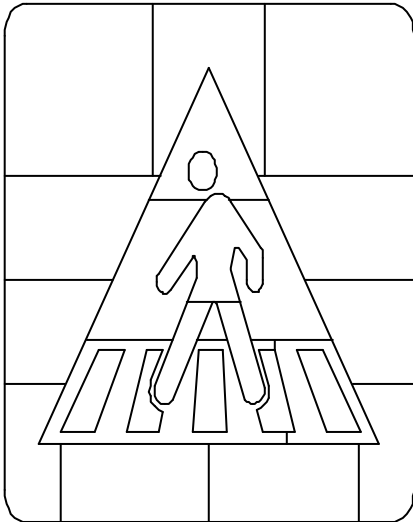


All you need is a broom and a propane burner...

Packaging and Storage



- Thorough labelling of each PREMARK® package
- PREMARK® standard packages measure 100 x 60 cm and weighs 15-20 kg
- PREMARK® has a 12 month shelf life
- PREMARK® packages must be stored dry and horizontally (laying down flat)
- Each package of PREMARK® contains both application instructions and a drawing
- The glass beaded surface reduces the use of plastic





The PREMARK[®] Advantages

- Fast and easy to apply – no templates
- 6-8 times the lifetime of painted markings
- High retro-reflection and skid resistance properties
- No complicated traffic restrictions
- Can be applied any time of the year
- Can be applied on all road surfaces
- No big, expensive machines or investments needed
- Signs and symbols in all colours and shapes
- Safe to work with for both personnel and the environment