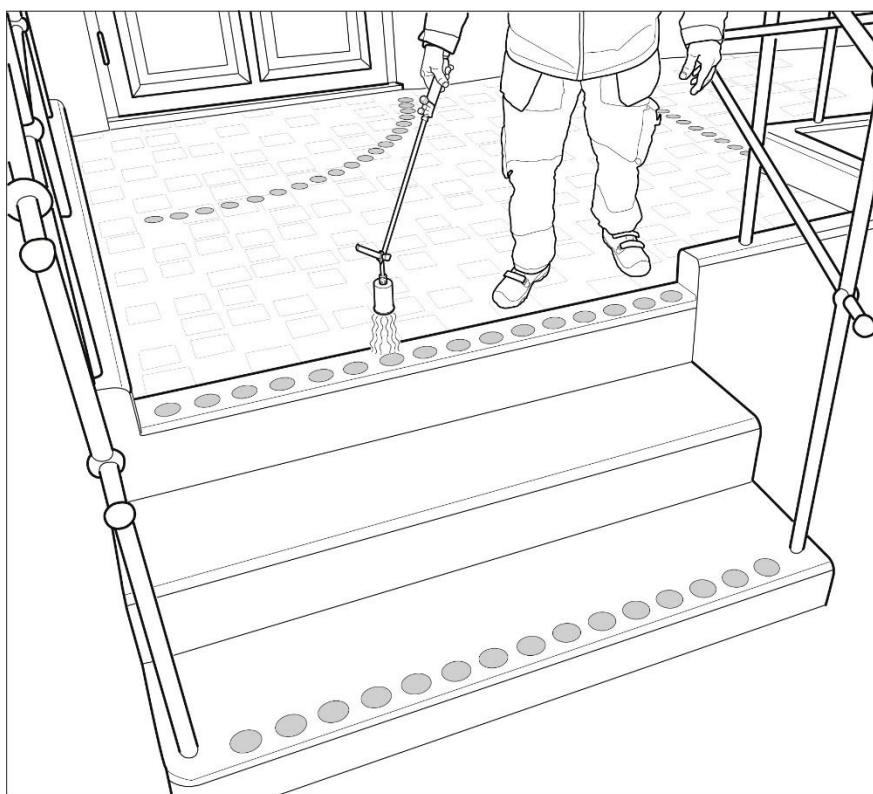


Application guide for Primer NM 560 on Concrete and Stone surfaces

Date: 2020-04-27



"SMALL" KIT NM 560 0.8 kg
0.8 kg = 4m² at 200 gram per m²



"MEDIUM" KIT NM 560 2.4 kg
2.4 kg = 12m² at 200 gram per m²

Application guide for Primer NM 560 on Concrete and Stone surfaces

Date: 2020-04-27

Product name: MeltMark® NM560 (2-COMPONENT)

Sale: ColorPoint Osby Kemi AB, Modellgatan 7, S 283 50 Osby
Tel: +46-479-131 90, E-mail: info@colorpoint.se Web site: www.colorpoint.se

Please read the safety data sheet. When applying, personal protective equipment (protective gloves, eye protection, etc.) must be used. Also needed: mixing stick, chalk, roller or paintbrush.

Specific rules may apply when working with 2-component thermosetting products or open flame as heat source.

Non-cured Primer is hazardous waste.

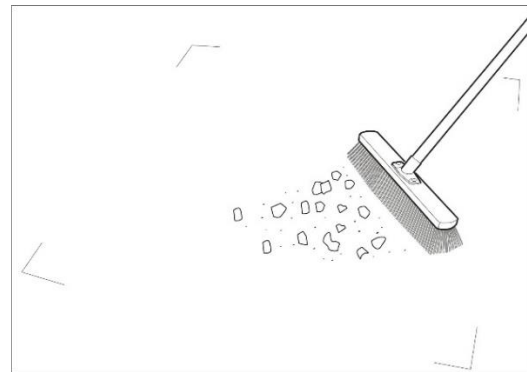
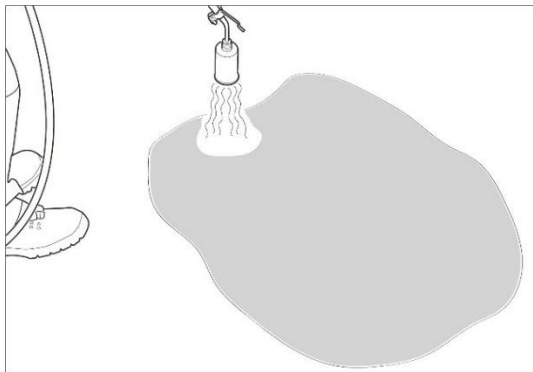
On our website, you will find an instructional video, which describes the application of MeltMark® on asphalt.
www.colorpoint.se

These work instructions are a guide for the application of MeltMark® pre-fabricated thermoplastic on concrete and stone surfaces. In certain cases, use of 2-component primer may also be required on asphalt, in particular when applying greater cohering surfaces which are harder to heat evenly.

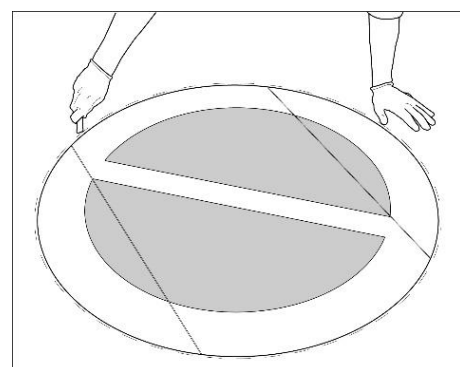
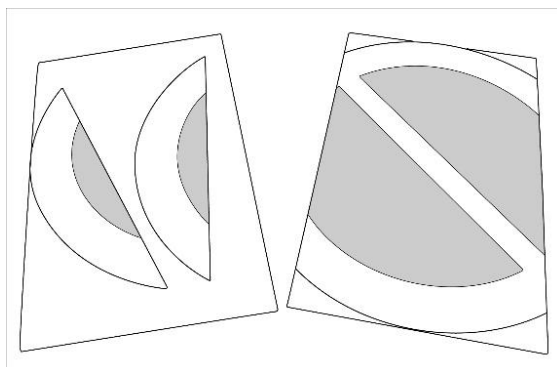
Primer NM 560 is a 2-component thermosetting resin. Curing starts when component A and component B are mixed with the right proportions. The curing time requires that the surface and environment are warm. Provided that extra measures are taken, work can be performed down to +5°C (surface temperature).

The product acts as glue between the marking and the foundation. The solid content is 100%.

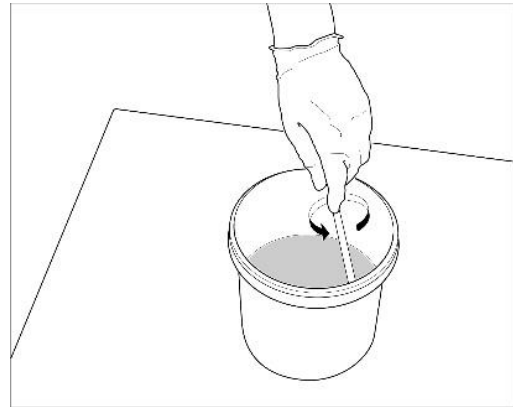
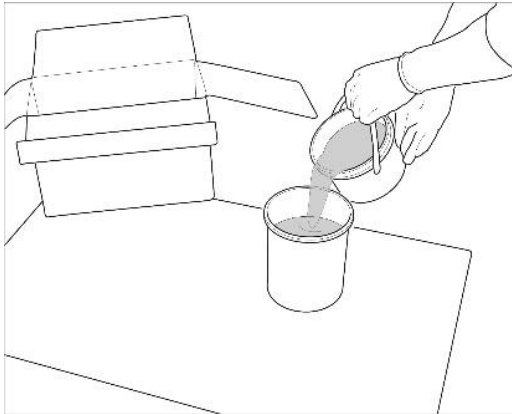
1. Dry the surface with a propane burner. Clean the surface. Remove dust, oil and grease, etc. Grind old markings, if required.



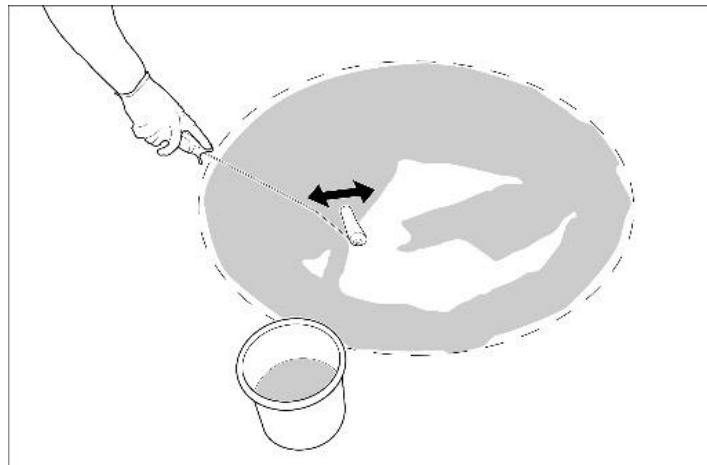
2. With chalk, position and mark the area on which the MeltMark® should be applied.



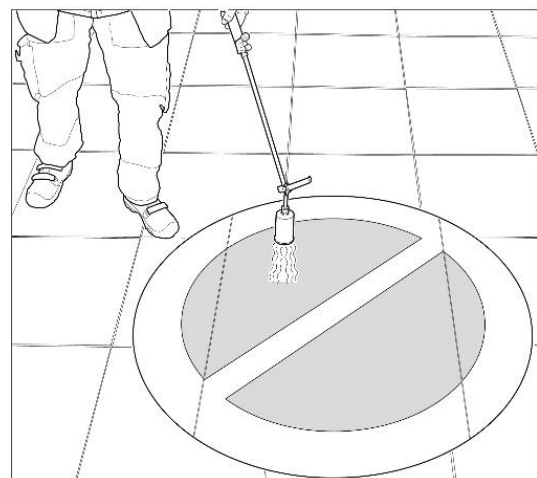
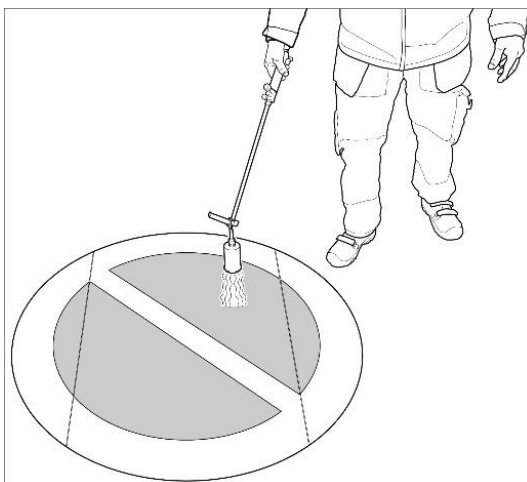
3. Mix component A and component B together – curing starts. The reaction generates heat. The reaction is quick during hot summer days – therefore, it is important to brush / roll out the material quickly. Bucket contents can get very hot.



4. Brush or roll out the primer.

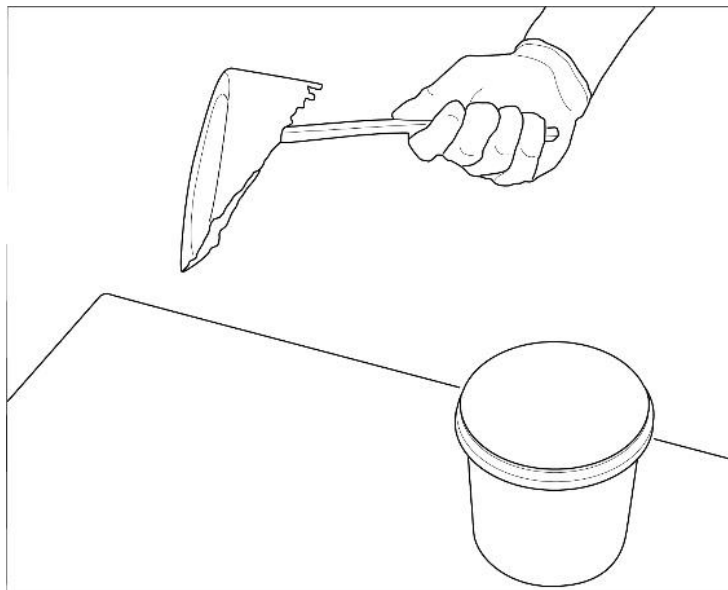


5. Position the marking above the primer (the primer has not yet cured/hardened). Start to heat. Avoid heating too much. The foundation can be damaged from too much heat. Close off the area until the primer has cured; this can take several hours.

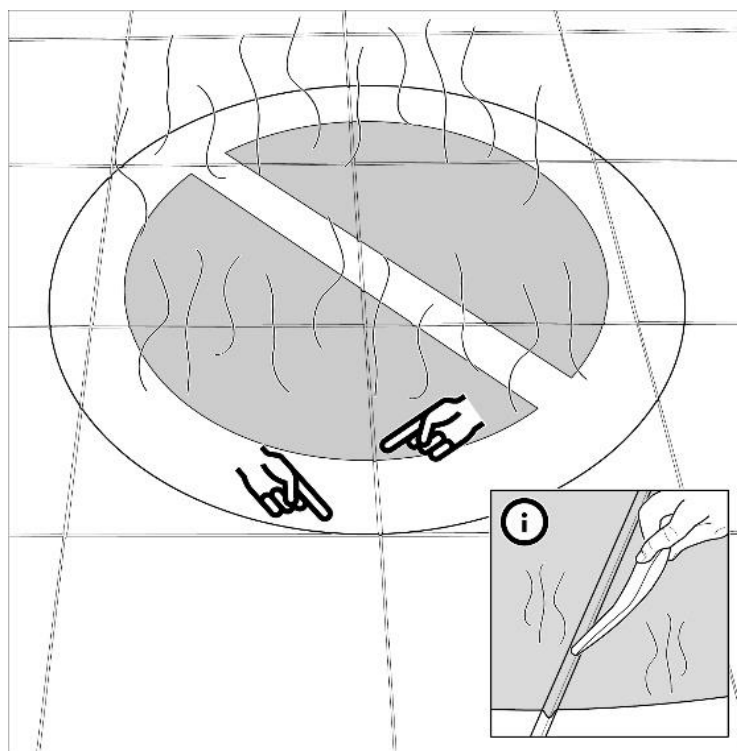


Heat slowly and distribute the heat evenly. The pre-fabricated marking should make full contact with the foundation!
For extra friction and retro-reflection, distribute surface glass beads/friction particles directly on top of the cured material (sold separately).

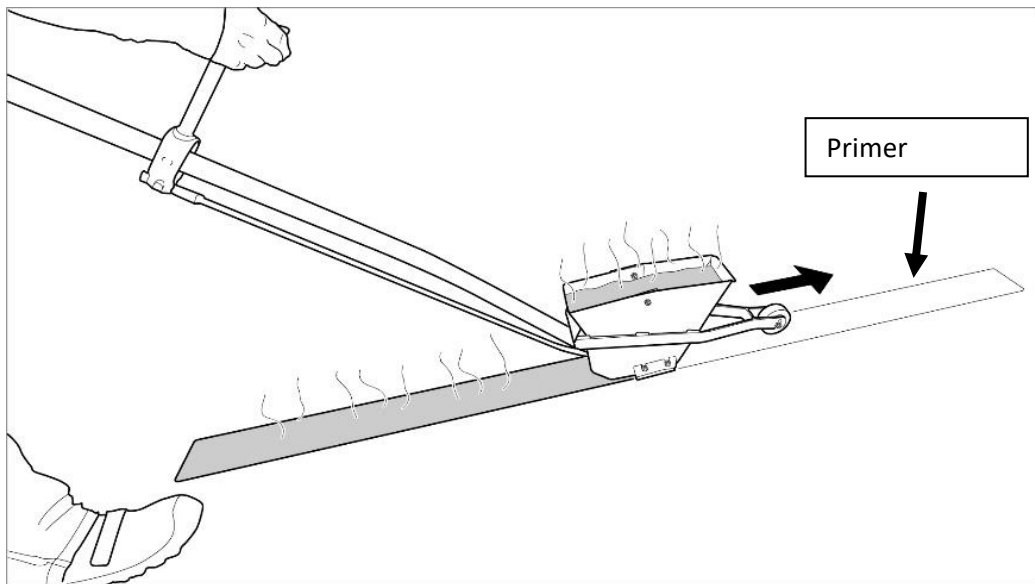
6. Non-cured product is hazardous waste. Remains which have cured can be sorted as waste (please refer to safety data sheet).



7. Extra information – avoid cracks on the surface due to the movement of the concrete plates. It is possible to create pre-defined cuts in the thermoplastic along the plate joints. Make the cuts with a hot knife or stick along the joints before the marking has cooled down. Now the plates can move freely. In the event of cracking, this happens along the joints instead.

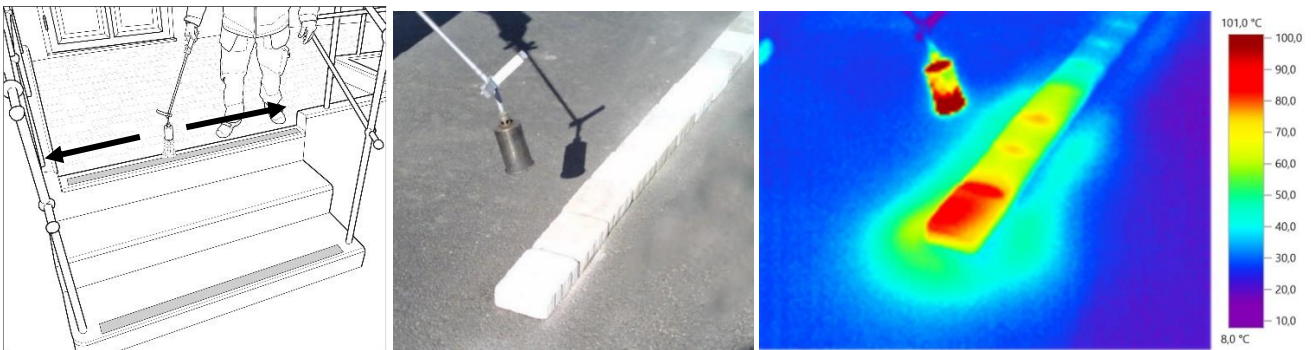


8. Extra information – markings with screed box on concrete surfaces or stone. The primer is mixed and applied according to the description above. Extrude directly on top of undercoat according to the figure below. Note that the marking is not attached until the primer has cured.

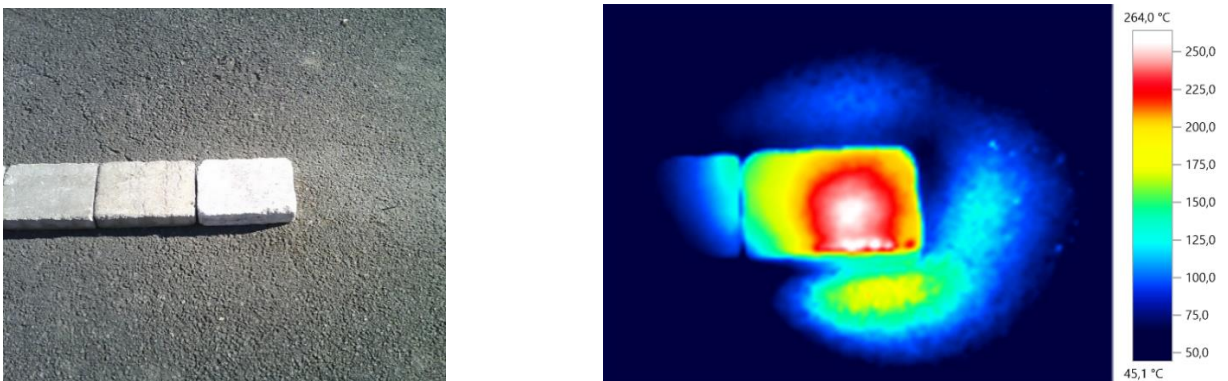


9. Extra information – In cooler weather, provide extra support heat (multiple times). Distribute heat evenly. Keep in mind that the heat can damage the foundation. The curing time depends on the surface and environment temperature, wind, humidity, heat conduction, etc. Avoid too high temperatures or heating in one spot. *The figures are illustrative.*

Right



Wrong



Application guide for Primer NM 560 on Concrete and Stone surfaces

Date: 2020-04-27

Description

2-component primer designed to attach MeltMark® pre-fabricated thermoplastic to stone and concrete surfaces. Also works well on asphalt surfaces when you want extra good adhesion. The curing time at 20°C is approximately 6-8 hours. It takes approximately one day at 10°C.

Preparatory work

The concrete surfaces should be at least 14 days old. The surface to be coated should have a surface tensile strength of at least 1.5 MPa. Please refer to **NM Work description of the concrete's surface tensile strength**.

The concrete surface should be ground so that concrete remains and loose-fitting materials are removed. Possible remains of thermoplastic or paint should be removed using milling. All dust should be removed by vacuuming. Animal and vegetable fats, mineral oils and grease should be appropriately removed. **NM Primer 560** adheres to damp concrete.

Priming

Before priming, the surface should be checked so that the surface temperature is at least + 5°C. Do not prime concrete surfaces with a rising temperature due to risk of gas bubbles in the primer. It can be an advantage to heat smaller surfaces with a heat gun or propane torch before priming.

- Mix **NM Primer 560 A** with **NM Curing agent 560 B** and stir well.
- Roll out or brush the primer onto the surface.
- Position the **MeltMark®** symbol above the primer.
- Start the heating with a strong propane burner until its symbol is melted and sunk into the surface structure.

Complete adhesion occurs when the curing is accomplished. For other technical information, please refer to safety data sheet.

General

This work description is a suggestion on how to place the product for best end results. All the above mentioned products are a mixture between a base and a curer unless otherwise stated. For mixing conditions and other data, please refer to the current data sheet or label. For any questions, contact the point of purchase or Nils Malmgren AB. **The end curing time is seven days at +23°C and 50 % RF.**

We reserve the right to change both products and data. The current data sheet is available on our website and in the store. We cannot accept responsibility for use in areas we are not familiar with. The user must evaluate the products themselves for their area of use and we only guarantee the material properties.

Summary

Coating requirement:

Surface tensile strength: >1.5 MPa
Surface temperature: >5°C

Mixing ratios of input components.

NM undercoat 560 A	100 parts by weight
NM Curing agent 560 B	60 parts by weight

The technical data we present as well as our instructions and recommendations are all based on supporting information from our supplier.

They are designed to help the consumer find the most suitable working method and to obtain the best possible results. As the consumer's working conditions are beyond our control, we cannot accept any responsibility for the results they obtain from the use of the product. When performing follow-up, we recommend that ongoing notes are kept regarding batch numbers, dates, location, climate data, temperature, road conditions, possible preliminary work, storage conditions, etc. This document is constantly updated. Reservation for typos.