

easy dot Chalkboard Instruction for use

Please refer also the **Technical Datasheet** for this product on our homepage www.neschen.de

Tips, tricks and frequently asked questions to easy dot Chalkboard

easy dot Chalkboard and its specific characteristics

Our **easy dot Chalkboard** is produced and designed with the “easy dot” technology. This “easy dot” technology offers the most positive features, which characterize these products, like e. g. the easiest way to apply the films bubble-free and to remove from most surfaces without residues. It’s applicable even by non-professionals, because of its easy handling and processing. Applying this film is clean, fast and therefore even more efficient.

Areas of application: The **easy dot chalkboard** is a black film, designed for often changing lettering at e. g. retails shops, restaurants, bars and schools. Lettering can be changed by using (liquid) chalk and be wiped off by using a damp (soft) cloth. Furthermore it can be printed with UV inks (using white ink printing). Printed areas (e. g. with the company logo) will remain permanently on the film. Beyond these application it furthermore can be cut plotted as well.

1 Tips and tricks for processing and handling

1.1 Printing

To print on the film we recommend setting up the printer with a profile for PVC-Films. Because of printing with white ink, it is advisable to select a slow printing speed.

If the auto recognition of material cannot be switched off at the printer, the black film might not be identified or loaded well. This can be avoided by sticking a white labeling material along the border of the material.

After interruption of the printing process it should be restarted and then continued with a sufficient infeed of material, to avoid any marks in the image caused by the guide rolls.

1.2 Inspection, cleaning and preparation of the surface before applying

The surface to which easy dot Chalkboard is applied must be completely smooth, clean and dry prior to final preparation. Before applying the film, ensure the substrate is both clean and in good condition. Any contaminants (e. g. dust, dirt and grease) or defects (e. g. loose paint) on the substrate may cause loss of adhesion, and therefore reduce the graphic’s durability and performance.

Repair any substrate or wall damage and return them to “like new” condition. Substrates that are not properly repaired may cause poor graphic adhesion or further damage during graphics removal.

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The following are examples and tips of surfaces / substrates in need of repair:

- Holes or incomplete patches **tip:** patch, prime and paint
- Loose wallboards joints **tip:** repair seams
- Overly textured paint **tip:** smooth surface with sandpaper or scouring pad, then prime and paint
- Chipped, loose, flaking or peeling paint **tip:** scrape away loose paint, then prime and paint
- Moisture behind wallboard - this may cause the wallboard paper release. **Tip:** Pay special attention to areas where condensation may occur, overhead windows, or water pipes that could drip on the graphic.
- Dust, dirt or vehicle exhaust contamination **tip:** clean walls of dust, dirt, grease and other contaminations before applying the film
- Wallpaper not securely bonded in all areas **tip:** do not apply the film over wallpaper
- **Tip:** Contamination by other products that were not properly cleaned from the wall
- **Tip:** Cuts made on the film that penetrated both the film and substrate during installation
- **Our extra tip:** Always test adhesion and paint/adhesive compatibility prior to use. To test adhesion, apply a small strip of the film in an inconspicuous area and let dwell for 2 – 3 days. Before applying the test strip, prepare the surface according to the instructions above. After a 2-3 day dwell period, the film should be easy to remove without causing damage to the wall.

Limitations:

Due to the wide variability of interior walls, sealants and paints, Neschen is unable to test every wall surface. However we have tested easy dot Chalkboard on a smooth painted wall – with excellent results.

1.3 Bonding

We recommend dry application of this film only, in order to avoid any accumulation of water in the air channels, which could cause reduction of the adhesive strength.

Furthermore we recommend the use of a very soft squeegee (e.g. microfiber) and cotton gloves in order to avoid any unwelcome scratches and/or finger prints on the surface of the film.

Due to the "easy dot" technology it is possible to correct the film positioning if required.

The film is easy to remove from nearly all substrates. If mounted on PVC-surfaces, it can remain residue of adhesive when removing. Old, worn chalkboards or merchandising stands can easily be rebuilt by pasting over with "easy dot Chalkboard".

1.4 Prime prior to use

We recommend simply to cover the writing area with 100% regular chalk, let sit a few minutes and then erase with a damp (soft) cloth. Your **easy dot Chalkboard** now is ready for an easy to write on and easy to erase surface for several times.

Once primed, you can use standard chalk or liquid chalk markers to create your designs. Within our tests the liquid chalk marker from Edding (4095 series) performed well, especially „neon“ and „white“ paint.

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1.5 Cleaning

To erase (liquid-) chalk we recommend using a wet damp (soft) cloth. Alternatively spray with water, let sit for 30 seconds and then clean using a damp (soft) cloth.

Please do not use strong indoor wall cleaners or anything containing mild to strong solvents, ammonia or abrasive.

1.6 Outdoor use

By using **easy dot Chalkboard** outdoors we recommend sealing the edges to avoid direct contact between the easy dots and water. This can be done by laminating overlapping or applying into a frame.

Furthermore **easy dot Chalkboard** should be installed at roofed areas to avoid direct contact with weather conditions which could remove the chalk on the writing area.

1.7 Plotter cut

easy dot Chalkboard can be plotter cut, however due to it being thicker and tougher than most vinyl films, extra pressure and sharp blades will be necessary.

When cutting small/ filigree letters we recommend use of a sharp knife and slow cutting speed. The minimum size of letters/motives must be tested and defined individually at your device and we recommend qualifying this also by transferring the film.

The specifications in these instructions are based on our knowledge and practical experience. Due to the range of factors which may affect handling and usage, it is essential to carry out your own tests. The specifications we have provided in respect of certain features do not constitute a legally binding warranty. We can assume no liability or provide any warranty in respect of using the films beyond that which is covered by the scope of this document.