



PEEL-AWAY DIE SPACER

INSTRUCTIONS FOR USE

Die Hardener
Die Lubricant
Eye droppers

Die Spacer #1
Thinner #1

Die Spacer #2
Thinner #2

PRODUCT DESCRIPTION

PERFECTIM® SYSTEMS PEEL-AWAY DIE SPACER SYSTEM allows convenient application and peel-away removal of die spacer to restore dies to a clean condition. The complete PEEL-AWAY DIE SPACER KIT includes a paint-on die hardener, two die spacers, respective thinners and applicators, die lubricant, and instructions for use. All kit components are also sold separately.

The PEEL-AWAY DIE SPACER SYSTEM can be used on stone or epoxy dies to approximate the film thickness of the dental material that will be used to adhere the final restoration in the mouth. Following crown, inlay, onlay or porcelain veneer fabrication, the die spacer conveniently peels away, allowing final check for fit to take place on the original, neat die. This saves time and eliminates guesswork when making final adjustments to fit the restoration to the die.

When highly accurate impression materials are used for dental impression taking, use of a die spacer is desirable. The PEEL-AWAY DIE SPACER was developed as a companion product to the PERFECTIM® SYSTEMS line of vinyl polysiloxane impression materials. PEEL-AWAY DIE SPACER is highly recommended for use on dies that have been produced from impressions that were taken using the Hydraulic and Hydrophobic (H&H) Impression Technique with PERFECTIM SYSTEMS BLUE VELVET® and FLEXI-VELVET® impression materials. For further information on the H&H impression technique contact J. Morita USA or J. Morita Europe.

ATTENTION

This product is for use by dental technicians and dentists. Use only as described in this instruction booklet. The data and information supplied does not indicate any warranty or representation. Use and application of the product is the responsibility of the user. We disclaim all liability relating to the use of this material since it is beyond our control.

IMPORTANT SAFEGUARDS

1. Read accompanying product instructions and Material Safety Data Sheets (MSDS) before use. Keep instructions nearby for ready reference.
2. Always use materials in a well-ventilated area.
3. Always replace caps tightly on bottles between use and when shaking ingredients prior to use.
4. Wash hands after use. Do not eat, drink or smoke while working with materials.
5. Do not use near open flame.

HOW TO USE PERFECTIM® SYSTEMS PEEL-AWAY DIE SPACER SYSTEM

Before application, gather together all PEEL-AWAY DIE SPACER products. Arrange a die stand (or use a piece of clay or putty) in which to place treated dies to air dry between applications.

TECHNIQUE TIP: Before application it is helpful to outline the margin of the die with a red or blue pencil. Subsequent application of DIE HARDENER will not affect the margin marking.

STEP 1. Apply Die Hardener. (Orange colored liquid)

- Brush one even coat of DIE HARDENER on the stone or gypsum die. Extend coverage 0.5 millimeter below the outlined margin and over the entire crown area of the die.
- Allow to air dry for at least 2-3 minutes, or until the treated die appears as a translucent pink, slick surface. Applied air will hasten drying.

STEP 2. Apply Die Spacer #1. (Opaque blue colored liquid)

Shake bottle well immediately before use.

- Wipe the brush against the inside rim of the bottle to remove excess liquid.
- Use a slow even brush stroke to apply the (blue) DIE SPACER #1. Begin the brush stroke 0.5 mm to 1.0 mm above the die Margin. Slowly extend the brush stroke up to and over the occlusal or incisal edge. Apply DIE SPACER #1 thick enough to nearly block out the color of the die hardener.
- TECHNIQUE TIP: An even, consistent stroke works best. Avoid quick, short strokes, which may cause the material to puddle on the die.
- Air dry for at least 2-3 minutes or until the material exhibits a dark translucency, before applying SPACER #2. Radiant heat or a gentle stream of air will hasten drying time. NOTE: Do not use a heat lamp to accelerate drying time of SPACER #1 as it may cause the material to bubble.

STEP 3. Apply DIE SPACER #2. (Opaque red colored liquid)

Shake bottle immediately before use.

- Wipe the brush against the inside rim of the bottle to remove excess liquid.
- Use a quick even stroke to apply (red) SPACER#2 on top of (blue) SPACER #1. Apply (red) SPACER #2 thick enough to block out the (blue) color of SPACER #1, except for the 0.5 mm (blue rim) of SPACER #1 showing at the margin.
- TECHNIQUE TIP: Begin brush strokes approximately 0.5 mm from the edge of SPACER #1. Leave a rim of (blue) SPACER #1 showing beyond the edge of (red) SPACER #2. This stepped and layered application assures easy "peel-away" removal of the die spacer later.
- Air dry for at least 60 seconds. Radiant heat or a gentle stream of air will hasten drying time. NOTE: Do not use a heat lamp to accelerate drying time of SPACER#2, as it may cause the material to bubble.

STEP 4. Apply DIE LUBRICANT to the die immediately prior to normal wax up procedures.

- When the restoration is complete follow normal procedures to fit the restoration to the die.

STEP 5. Remove the PEEL-AWAY SPACERS from the die.

- Starting at the margin of the die, gently nudge the edge of the SPACERS to create a rolled edge. Use a plastic coated laboratory instrument (or fingernail) to ease the edge of the dies spacer material from the die. Do not use a metal instrument; this may chip or nick the die.
- Gently grasp the rolled edge of the material and slowly peel the SPACERS away from the die.
- NOTE: should residual spacer remain on the die, THINNER #2 can be used for spot removal.
- Fit the finished restoration to the die. Check for high spots.

USING THINNERS FOR DIE SPACER #1, DIE SPACER #2 AND DIE HARDENER.

- To thin the die spacer liquids to their original viscosity, always use THINNER #1 with DIE SPACER #1 and THINNER #2 with DIE SPACER #2 or DIE HARDENER. The thinners are colored coordinated with their respective DIE SPACERS and DIE HARDENER.
- Use an eye dropper to transfer the thinner into the appropriate DIE SPACER or DIE HARDENER bottle. Recap and shake bottle to mix well.
- NOTE: Thinners are incompatible with liquids other than those for which they are intended. (Example: Do not mix THINNER #1 with DIE SPACER #2). Do not cross contaminate the thinners by interchanging the eye dropper applicators.
- IMPORTANT: Do not use near heat or flame. Recap bottles after use.

ORDERING INFORMATION

Item Number	Product Description
21-400-0	Peel Away Die Spacer System (Complete Kit)

Kit contents: Die Hardener (15ml), Die Spacers #1 & #2 (15ml each), and respective Thinners (27ml each), Die Lubricant (15ml), and (2) eye droppers.

21-400-010	Die Hardener (15ml)
21-400-020	Die Spacer #1 (15ml)
21-400-030	Die Spacer #2 (15ml)
21-400-040	Die Lubricant (15ml)
21-400-050	Thinner #1 (27ml) – for use with Spacer #1
21-400-060	Thinner #2 (27ml) – for use with Spacer #2
21-400-070	(2) Eye dropper applicators for Thinners

REFILL ITEMS

Item Number	Product Refill Description
21-400-010	Die Hardener (15ml)
21-400-020	Die Spacer #1 (15ml)
21-400-030	Die Spacer #2 (15ml)
21-400-040	Die Lubricant (15ml)
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21-400-060	Thinner #2 (27ml) – for use with Spacer #2
21-400-070	(2) Eye dropper applicators for Thinners

To Place an order, contact your local dealer or call 1-888-J MORITA (1-888-566-7482).
For technical questions and support call 1-800-818-7788.

PERFECTIM® SYSTEMS PEEL-AWAY DIE SPACER SYSTEM

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