

# Shade Combination

|                               | A1    | A2    | A3    | A3.5    | A4    | B1    | B2    | B3    | B4    | C1    | C2    | C3    | C4    | D2    | D3    | D4    | BL1      | BL2      | BL3      | BL4      |
|-------------------------------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|----------|----------|
| <b>Every Day A – D Shades</b> |       |       |       |         |       |       |       |       |       |       |       |       |       |       |       |       |          |          |          |          |
| <b>Opaquer</b>                | PO A1 | PO A2 | PO A3 | PO A3.5 | PO A4 | PO B1 | PO B2 | PO B3 | PO B4 | PO C1 | PO C2 | PO C3 | PO C4 | PO D2 | PO D3 | PO D4 | PO BL1-2 | PO BL1-2 | PO BL3-4 | PO BL3-4 |
| <b>Liner</b>                  | L A1  | L A2  | L A3  | L A3.5  | L A4  | L B1  | L B2  | L B3  | L B4  | L C1  | L C2  | L C3  | L C4  | L D2  | L D3  | L D4  | L BL1-2  | L BL1-2  | L BL3-4  | L BL3-4  |
| <b>Chroma Dentine</b>         | CD A1 | CD A2 | CD A3 | CD A3.5 | CD A4 | CD B1 | CD B2 | CD B3 | CD B4 | CD C1 | CD C2 | CD C3 | CD C4 | CD D2 | CD D3 | CD D4 |          |          |          |          |
| <b>Dentine</b>                | D A1  | D A2  | D A3  | D A3.5  | D A4  | D B1  | D B2  | D B3  | D B4  | D C1  | D C2  | D C3  | D C4  | D D2  | D D3  | D D4  | D BL1*   | D BL2*   | D BL3*   | D BL4*   |
| <b>Incisal</b>                | S1    | S1    | S2    | S2      | S4    | S1    | S1    | S2    | S4    | S1    | S3    | S3    | S3    | S1    | S2    | S2    | S BL*    | S BL*    | S BL*    | S BL*    |

**Personalised (Enhancer (EH) and Mask (MA) can be used by all A-D shades according to the desired light optical effects.)**

|   |       |       |       |         |       |       |       |       |       |       |       |       |       |       |       |       |  |  |  |  |
|---|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|
| <b>Increaser</b> (Enhance the chroma and have a lower transparency in comparison to dentine ceramics.)  | IN A1 | IN A2 | IN A3 | IN A3.5 | IN A4 | IN B1 | IN B2 | IN B3 | IN B4 | IN C1 | IN C2 | IN C3 | IN C4 | IN D2 | IN D3 | IN D4 |  |  |  |  |
| <b>Enhancer (optional)</b> (Customised transparent ceramics with which the hue or brightness of the layering can be influenced slightly: EH bright – lightening; EH neutral – neutral transparency; EH grey – decreasing of the brightness; EHA – reddish, EHB – yellowish, EHC – greyish)                  | EH    | EH    | EH    | EH      | EH    | EH    | EH    | EH    | EH    | EH    | EH    | EH    | EH    | EH    | EH    | EH    |  |  |  |  |
| <b>Mask (optional)</b> (Incisal like ceramic with increased opacity, balances the transparency so that on the one hand, the in depth effect is retained yet on the other hand the structure of the frameworks can no longer be perceived. MA bright – lightening; MA shadow – decreasing of the brightness) | MA    | MA    | MA    | MA      | MA    | MA    | MA    | MA    | MA    | MA    | MA    | MA    | MA    | MA    | MA    | MA    |  |  |  |  |

For distinctive (patient-oriented) characterisations and individual modifications, 6 highly chromatised increasers are available. Non-binding recommendation:

|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |      |    |    |    |    |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|------|------|----|----|----|----|
| <b>INM Mango</b>   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B4 |      |      |    |    |    |    |
| <b>INS Solaris</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    | B3   | B4   |    |    |    |    |
| <b>INP Peach</b>   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    | A3   | A3.5 |    |    |    |    |
| <b>INO Orange</b>  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    | A3   | A3.5 | A4 | B3 | B4 | C4 |
| <b>INC Caramel</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    | A3.5 | A4   | B4 | D3 |    |    |
| <b>INT Taiga</b>   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    | C2   | C3   | C4 | D4 |    |    |

The use of the individual materials always follows the patient specific requirements. This shade combination table shows a non-binding recommendation.

## Matrix

|  |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|--|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| <b>Mamelon- or Secondary-Dentine</b> (Ceramics which balance chroma and fluorescence to illuminate the mamelon structures naturally. MD1; MD2; MD3; SD1; SD2)  | MD 1  | MD 1 | SD 2 | SD 2 | SD 2 | MD 2 | MD 2 | MD 3 | MD 3 | MD 2 | SD 1 | SD 2 | SD 2 | MD 1 | MD 3 | SD 1 |  |  |  |  |
| Mixing the appropriate shade of dentine with about 10 % Mamelon- or Secondary dentine increases the chroma in the cervical region. Alternatively, the colour coordinated Increasers can also be used.  |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| <b>Value</b> (Highly fluorescent materials to manage the brightness, for eg. in the incisal area)  | VL 1  | VL 2 | VL 3 | VL 4 | VL 4 | VL 1 | VL 2 | VL 3 | VL 4 | VL 1 | VL 2 | VL 3 | VL 4 | VL 2 | VL 3 | VL 4 |  |  |  |  |
| <b>Opal Incisal</b> (Replace the corresponding standard incisal materials in the matrix concept.)  | OS1   | OS1  | OS2  | OS2  | OS4  | OS1  | OS1  | OS2  | OS4  | OS1  | OS3  | OS3  | OS3  | OS1  | OS2  | OS2  |  |  |  |  |
| <b>Opal Transpa</b> (Reflect the spectrum of natural enamel. Neutral opalescence, where the concentration increases from OT1 – OT10, whereby the transparency decreases. OT1: most transparent opal ceramic – OT10 whitish opal. Opal Transpa ceramics with modified shades: OTYellow yellowish; OTBlue bluish; OTAmber reddish; OTGrey grayish; OTIce light bluish) | OT  | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   | OT   |  |  |  |  |
| <b>Stains universal (optional)</b>   | For characterisations all stains can be used for all HeraCeram ceramic lines. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |

\*not available for HeraCeram Zirkonia 750

# Shade Combination

|  | A1   | A2   | A3   | A3.5 | A4   | B1    | B2    | B3      | B4   | C1   | C2   | C3   | C4   | D2   | D3   | D4   | BL1      | BL2      | BL3      | BL4      |
|--|------|------|------|------|------|-------|-------|---------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|
| <b>Margin</b>  |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>HM</b> (high fusing margin)   | HM 1 | HM 1 | HM 2 | HM 2 | HM 6 | HM 3  | HM 3  | HM 4    | HM 4 | HM 5 | HM 5 | HM 6 | HM 6 | HM 1 | HM 2 | HM 4 | HM BL1-2 | HM BL1-2 | HM BL3-4 | HM BL3-4 |
| <b>LM</b> (low fusing margin)  | LM 1 | LM 1 | LM 2 | LM 2 | LM 6 | LM 3  | LM 3  | LM 4    | LM 4 | LM 5 | LM 5 | LM 6 | LM 6 | LM 1 | LM 2 | LM 4 | LM BL1-2 | LM BL1-2 | LM BL3-4 | LM BL3-4 |
| <b>Margin</b>  |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>HM</b> (high fusing margin)   | HM 1 | HM 1 | HM 2 | HM 2 | HM 6 | HM 3  | HM 3  | HM 4    | HM 4 | HM 1 | HM 1 | HM 6 | HM 6 | HM 1 | HM 2 | HM 4 |          |          |          |          |
| <b>LM</b> (low fusing margin)  | LM 1 | LM 1 | LM 2 | LM 2 | LM 6 | LM 3  | LM 3  | LM 4    | LM 4 | LM 1 | LM 1 | LM 6 | LM 6 | LM 1 | LM 2 | LM 4 |          |          |          |          |
| <b>Pressable ceramics</b>  |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>HeraCeram Press</b>   |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>Staining technique</b>  |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>Transparent Incisal ingot</b>   | TS1  | TS1  | TS2  | TS2  | TS4  | TS1   | TS1   | TS2     | TS4  | TS1  | TS3  | TS3  | TS3  | TS1  | TS2  | TS2  | TS1      | TS1      | TS1      | TS1      |
| <b>Stains universal (optional)</b>   | MF   | MF   | MF   | MF   | MF   | MF    | MF    | MF      | MF   | MF   | MF   | MF   | MF   | MF   | MF   | MF   | MF       | MF       | MF       | MF       |
| <b>Layering technique</b>  |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>Dentine (ingot)</b>   |      |      |      |      |      | PK A2 | PK A3 | PK A3,5 |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>Dentine</b>   |      |      |      |      |      | D A2  | D A3  | D A3.5  |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>Incisal</b>   |      |      |      |      |      | S1    | S2    | S2      |      |      |      |      |      |      |      |      |          |          |          |          |
| <b>Monolithic cara and dima Zirconium Dioxide Frameworks</b>   |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |
| Recommendation for staining and glazing see the special instructions for use for cara and dima Zirconia. |      |      |      |      |      |       |       |         |      |      |      |      |      |      |      |      |          |          |          |          |

**Contact in Germany**  
 Kulzer GmbH  
 Leipziger Straße 2  
 63450 Hanau, Germany  
 info.lab@kulzer-dental.com

kulzer.com

© 2017 Kulzer GmbH. All Rights Reserved.



**KULZER**  
 MITSUI CHEMICALS GROUP