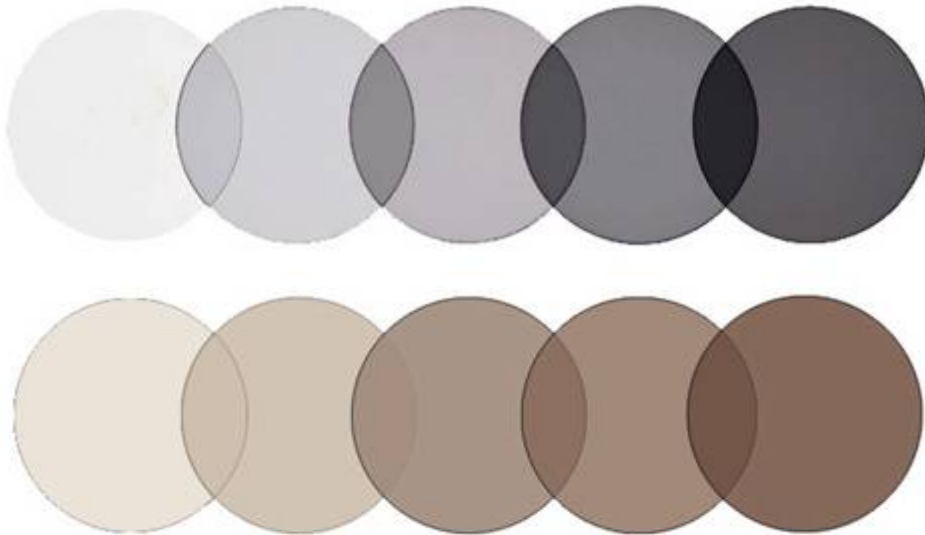


**ColorMatic 2006**  
**ColorMatic 1.67 & ColorMatic 1.54**



# ColorMatic 2006

## Start with ColorMatic 1.54

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### Launch ColorMatic 1.54 Q3 in 2006

- Fastest mid-Index Photochromic on the market !
- New & fashionable colours
- Improved material features
- Products: Impression, Impression XS, Multigressiv <sup>ILT</sup>, Multigressiv <sup>ILT</sup> XS and Perfalit

# ColorMatic 2006 – Next step to success!

World record!

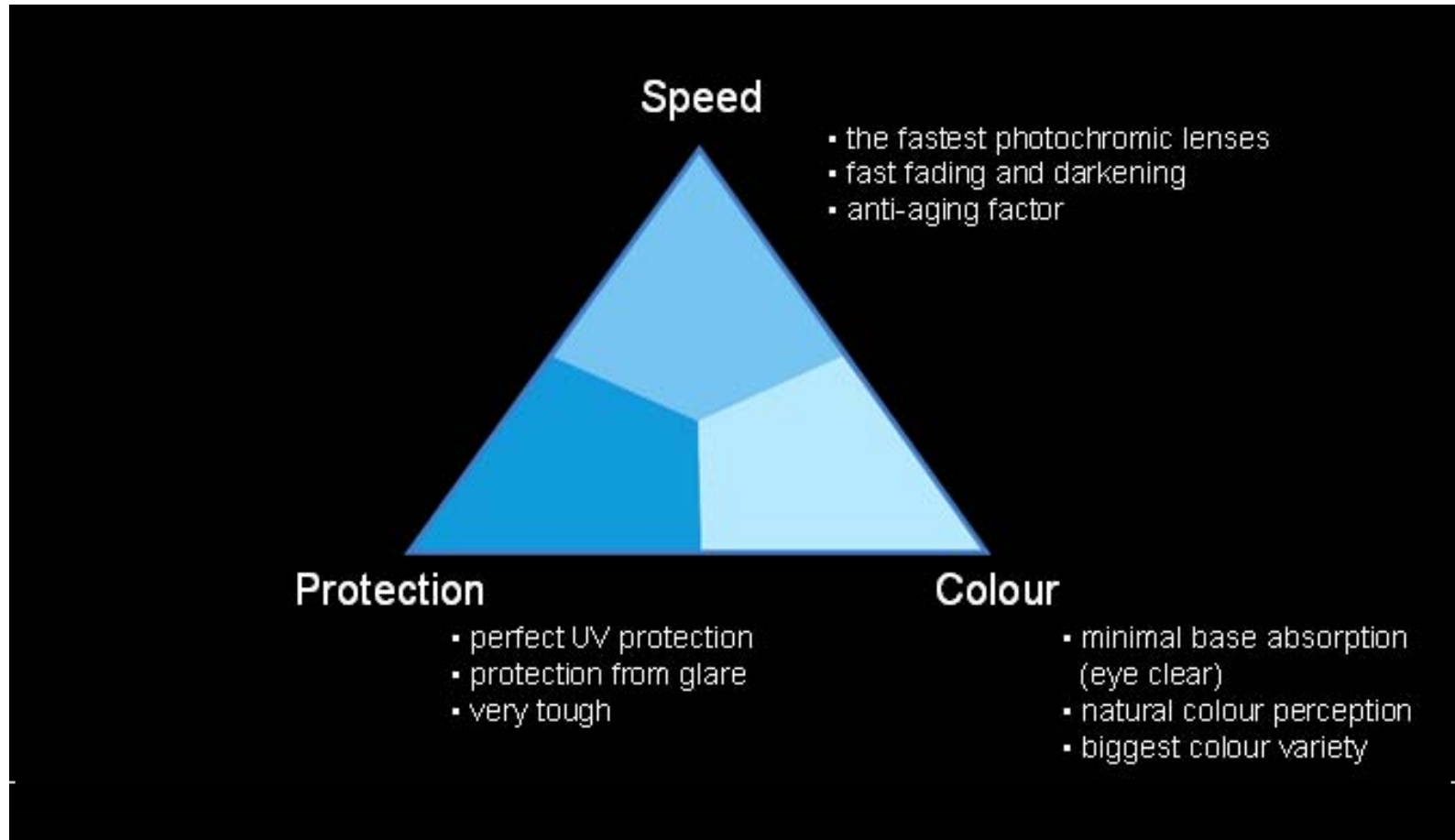
ColorMatic 1.67: Faster – thinner – tougher



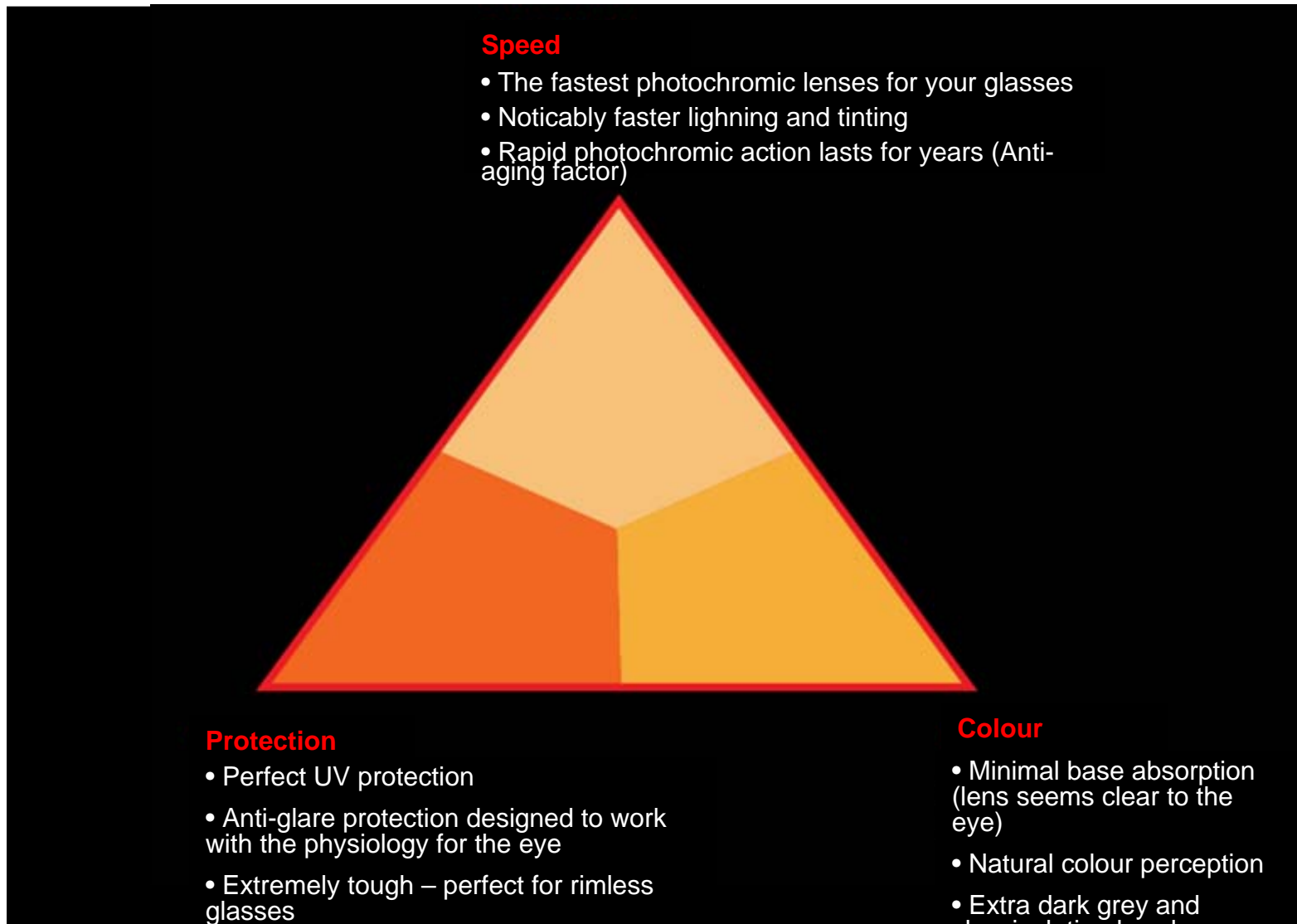
)ColorMatic from Rodenstock.

Get there in record time.

# 3 dimensions of modern photochromic lenses

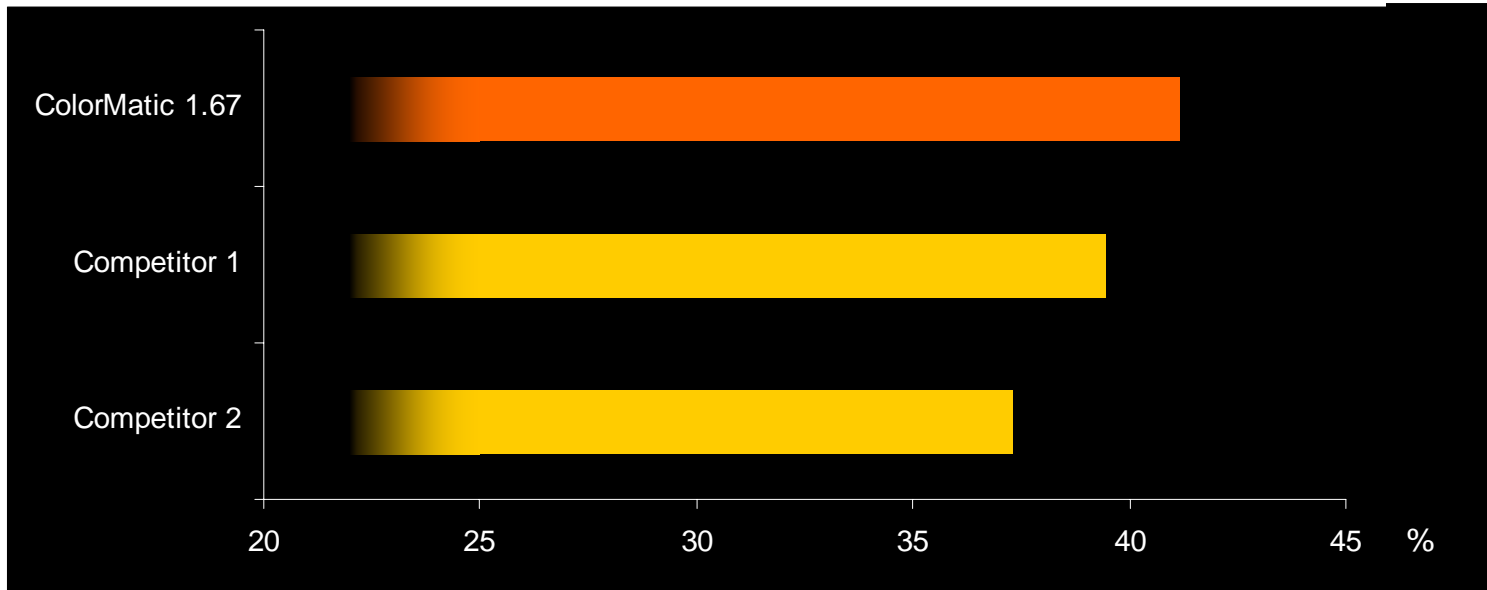


# 3 dimensions of modern photochromic lenses



# ColorMatic 1.67 - Speed

## Fading after 2 minutes at 23°C

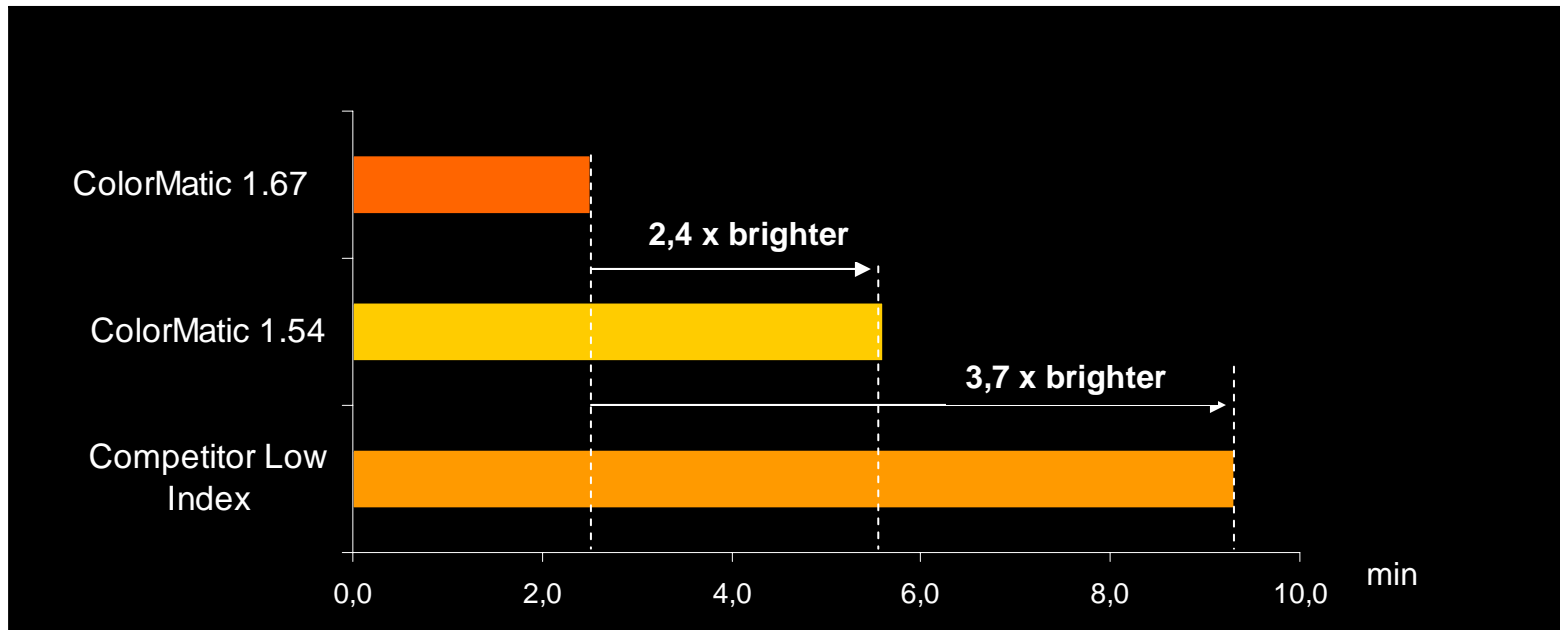


**Most important are the first seconds at fading.**

**ColorMatic 1.67 is the fastest photochromic high index product!**

# ColorMatic 1.67 - Speed

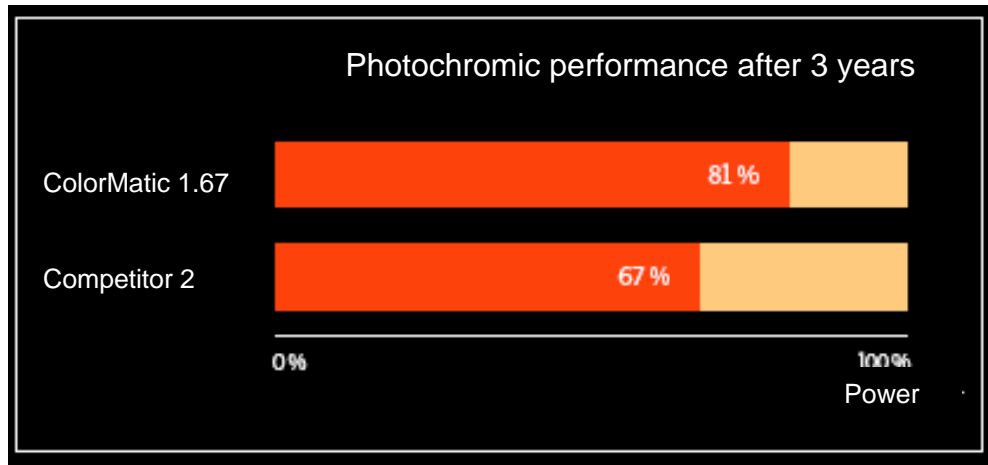
Fading to a absorption of 40% at 23°C



ColorMatic never was so fast at fading – the spectacle wearer notices a clear difference to low index photochromics:

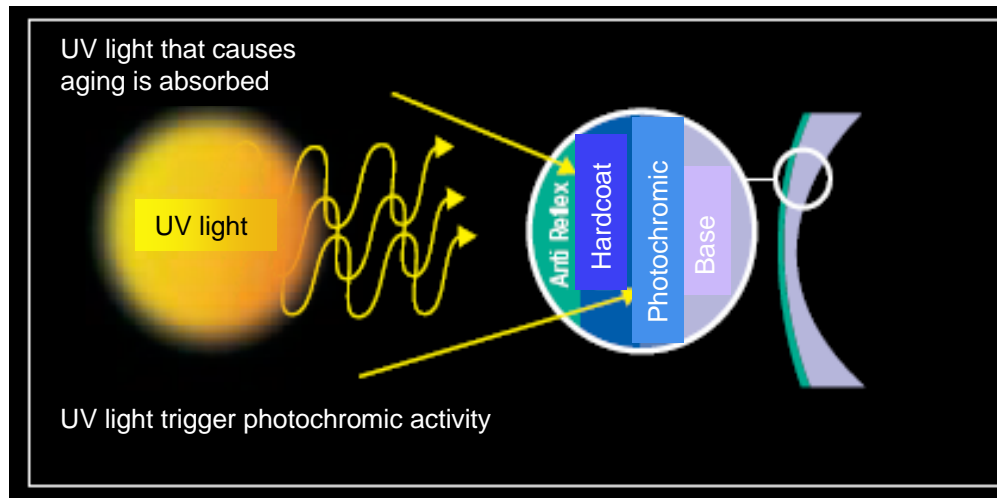
- more than twice as fast as ColorMatic 1.54
- almost 4x faster than conventional low index products

# ColorMatic 1.67 – Anti-aging factor



ColorMatic 1.67 shows after 3 years almost full bandwidth in tinting.

One comparable high index product clearly loses deviation.



Also for ColorMatic high index (laquer photochromic):

□ the Anti Aging Factor

The innovative layer system makes it possible. The AR coat and the hard coat protect the photochromic coat and avoid therefore almost the aging. .8

## Technical Datas

- Index: 1.668
- Abbe: 31,4
- Density: 1,37 g/cm<sup>3</sup>
- UV protection 100%: 400 nm
- Photo laquer: approx. 50 m
- Absorption grey: 10 to 90%
- Absorption brown: 10 to 85%

## Products

### Impression:

- Impression/ Impression XS
- Impression Mono
- Impression Hyperop/ Hyperop XS

### Multigressiv<sup>ILT</sup>

- Multigressiv<sup>ILT</sup>/ Multigressiv<sup>ILT</sup> XS
- Multigressiv<sup>ILT</sup> Hyperop/ Hyperop XS

### Further products:

- Follow approx. In 1st Quarter 2007

## Coatings

- Systematically with Solitaire
- Optional Solitaire TopCoat (approx. 1. Quarter 2007)

## Other information

- Up to 30% thinner as ColorMatic 1.54
- Up to 25% lighter than ColorMatic 1.54
- Extrem robust material – pleasant handling and ideal for rimless
- Range: identical to the corresponding organic 1.67 products
- Delivery time: about + 1 or 2 days more than the corresponding white product

(but only within the first few weeks after launch)

- The fastest photochromic product on the market !
  - Noticable faster fading
  - Base absorption 10% is essential for the marvellous photochromic performance
  - For the endconsumer subtly performance loss at the speed, but always at least Transitions V level or more
  - Addicted to temperature: like for all other photochromic products – lenses darken more in the cold
  - Speed is also addicted to temperature – lenses are generally in the cold/ winter more slowly in fading
  - Absolutely no darkening behind the windscreen of the car
  - Also fading when glasses are within the case

## ColorMatic 1.54 green

ColorMatic shows colours



Green light for a real  
highlight.

## Technical datas

- Technical datas: like ColorMatic 1.54 brown & grey
- Absorption: 8% to 85%

## Products

- Impression and Impression XS
- Perfalit

## Coatings

- Optional Solitaire TopCoat international: for all ColorMatic 1.54 from 01.09.2006 –  
only via Regen and Klattovy)
- TopCoat use & handling: as usual good

# ColorMatic 1.54 green

**ColorMatic 1.67**



**Braun 10–85 %**

- Klassische, zeitlose Farbe
- Im eingedunkelten Zustand kontrastverstärkend
- Wirkt beruhigend, anregend und motivierend
- Warmer Farbton

**Grau 10–90 %**

- Extradunkle, modische Farbe
- Absolut natürliche Farbwiedergabe
- Wirkt neutral und ausgleichend
- Kühler Farbton

**ColorMatic 1.54**



**Braun 8–85 %**

- Traditionelle, klassische Farbe
- Im eingedunkelten Zustand kontrastverstärkend
- Wirkt anregend, belebend und motivierend
- Warmer Farbton

**Grau 8–85 %**

- Progressive, moderne Farbe
- Absolut natürliche Farbwiedergabe durch gleichmäßige Filterung des gesamten Lichtspektrums
- Wirkt objektiv und ausgleichend
- Kühler Farbton

**Grün 8–85 %**

- Neuartige, trendige Farbe
- Sehr natürliche, leicht kontrastverstärkende Farbwiedergabe, Farbe der Natur
- Wirkt wohltuend, entspannend und beruhigend
- Kühler Farbton

**ColorMatic Contrast**



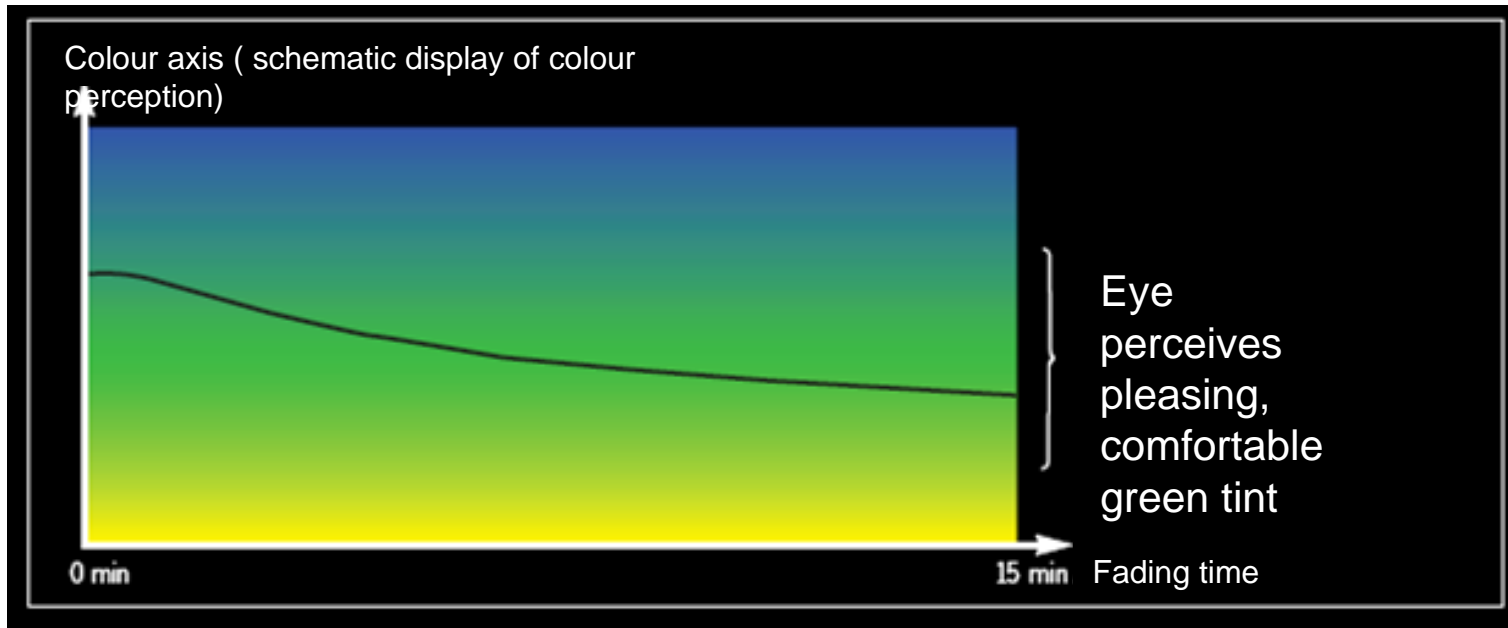
**Orange 40–85 %**

- Lebhaftes, temperamentvolles Farbe
- Permanent hohe Kontraststeigerung
- Ideal für Outdoor-Aktivitäten
- Wirkt stimulierend und aufmunternd
- Warmer Farbton

## Biggest colour variety of ColorMatic

- Unique: colour selection
- Unique: colour green
- Unique: ColorMatic Contrast

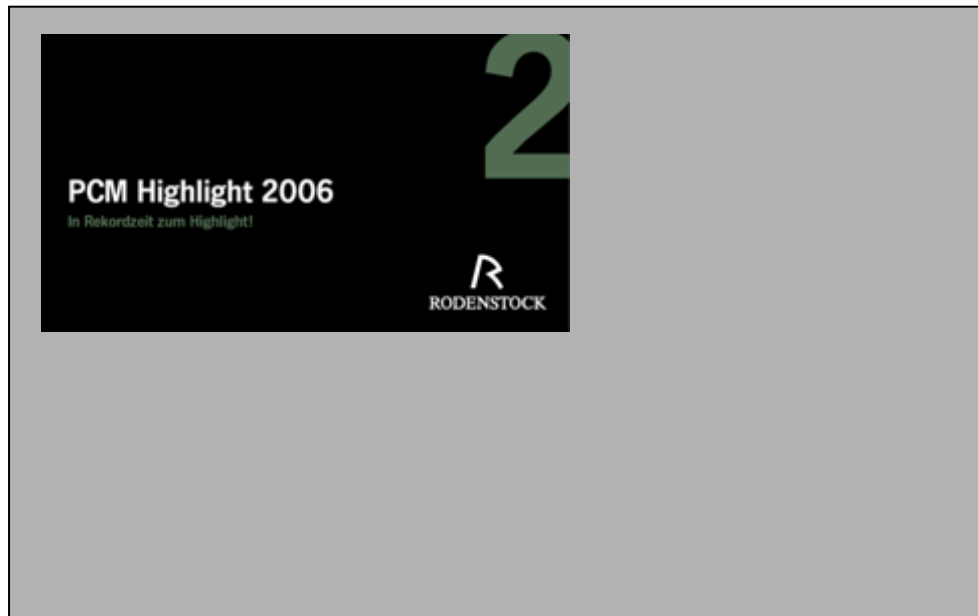
## Colour stability (example fading)



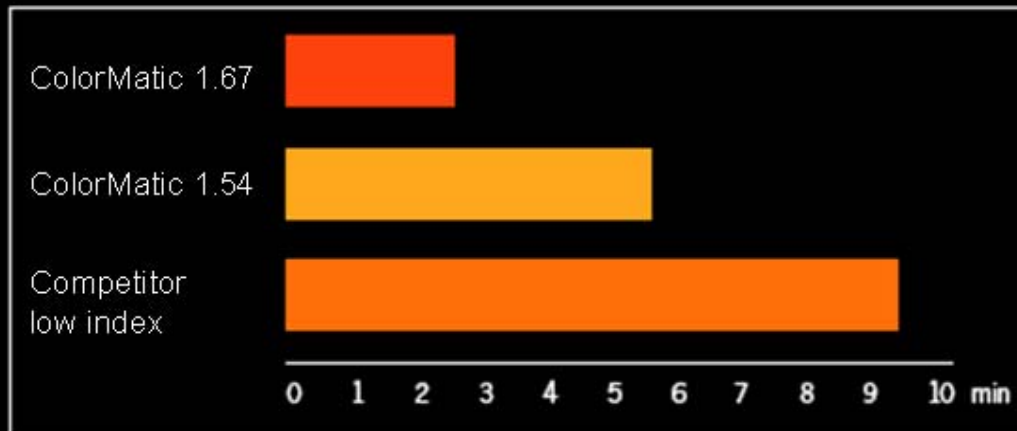
- Diagram shows the colour stability of ColorMatic 1.54 on the example green
- Base for that is the scientific description of the colour location after CIE Lab which demonstrates colour perceptions with a colour ball (CIE = Commission Internationale de l'Eclairage)
- Line shows the wandering of the colour location within a 2-dimension colour range (section of the colour ball)
- Diagram therefore shows that ColorMatic 1.54 is over the whole photochromic process completely in the range where the eye appreciates a nice, clear green colour

## Additional materials for mailing

- Eye catching silver envelope



ColorMatic 1.67  
Fading to 40% absorption at 23°C

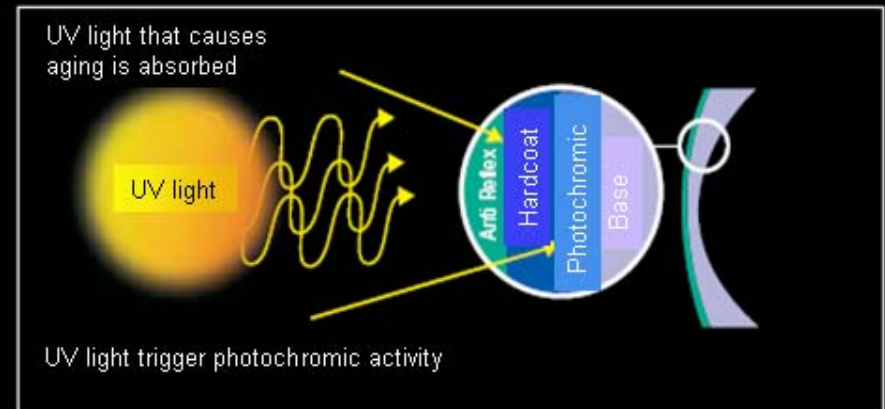
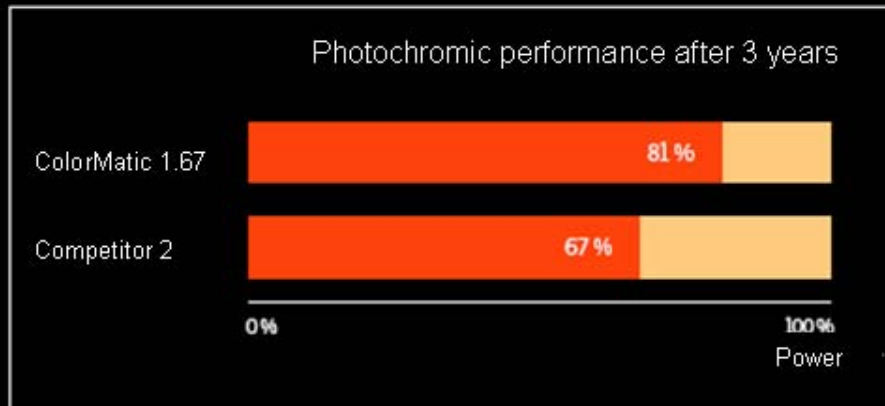


**Noticeable faster lightening:**

- almost 4x faster than conventional low index products
- more than twice as fast as ColorMatic 1.54
- at the moment the fastest photochromic lens



ColorMatic 1.67 got it also:  
the integrated anti-aging factor



ColorMatic 1.67 almost got full bandwidth of tinting after 3 years.

The innovative layer system of ColorMatic 1.67 filters out these UV light that causes aging.

