

Dichroic-flat glass are layers made of flat borosilicate glass which are applied by sputter technology on one side. The composition of the layers (amount of layers, target materials, combination of layers etc.) creates a filmy layer, which gives the glass a coloured look. Depending on the incidence of light and the viewing angle, dichroic-flat glass changes its colour.

The colour layers are highly temperature resistant, if they are not exposed to oxygen. The glass blower has to protect them from oxygen using a layer of transparent glass at moderate temperature. Then the artisan can process the glass with the usual techniques.

For beginners in this technique we recommend a video of the American artisan Milon Townsend, which clearly demonstrates the most important techniques. This video in English languages requires a video unit with NTFC technique. For further information please see our info script "books and videos".


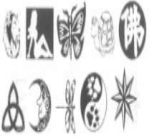









Dichroic borosilicate glass is not standardised. Therefore, each manufacturer has its own system which makes a comparison of the different products difficult.

For coatings of "Sandberg Inc." the colours have to be understood as follows: The first name indicates the colour in transmitting light. The name behind the slash indicates the colour after back-reflection. The colour will change into the next colour, as soon as you change your perspective. If dichroic borosilicate glass is melted or otherwise processed with heat, the colour may change its tone. The artist has to detect the intensity of this change by way of trial during processing. The changing depends on the highest temperature and from the time period. To make colour tones reproducible some experience is necessary.

The above dichroic-flat glass can be processed by cauterisation. This leads to images, e.g. a dove or a lion. In this form, dichroic-flat glass is called Image or Pattern.












Dichroic images can be melted into transparent glass. If coloured glass (e.g. blue) is added to the background, this results in beautiful pictures.





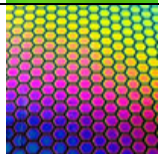

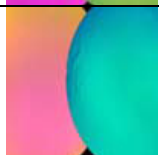
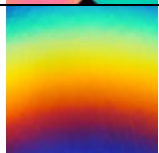
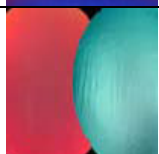

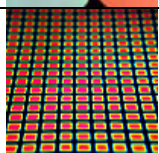
Pricelist Plates

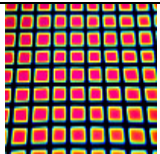
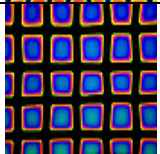

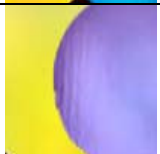
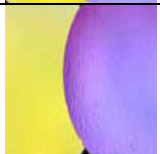
Picture	Number	Description	Price per	Price in €
	1300001	*Dichroic Platten Probesortiment mit 6 Farben Zusammengestellt aus 6 von uns ausgewählten Farben.	1,000 VE	67,50
	1400001	*Dichroic Probesortiment mit 10 Bildern Dichroic sample Assortment 10 Images	1,000 VE	17,00
	1400013	Dichroic Bild Ant/Ameise 13x13x2	1,000 Stück	1,98
	1400020	Dichroic Bild Bio-Hazard Symbol 13x13x2 Biolog.Gefahren	1,000 Stück	1,98
	1400047	Dichroic Bild Black Cat/ Schwarze Katze 13x13x2	1,000 Stück	1,98
	1400014	Dichroic Bild Butterfly/Schmetterling 13x13x2	1,000 Stück	1,98
	1400027	Dichroic Bild Celtic Knot 13x13x2 Keltischer Knoten	1,000 Stück	1,98
	1400017	Dichroic Bild Daisy/Gänseblümchen 13x13x2	1,000 Stück	1,98
	1400010	Dichroic Bild Dragonfly/Libelle 13x13x2	1,000 Stück	1,98
	1400048	Dichroic Bild Five Leaf Clover/ fünfblättriges Kleeblatt 13x13x2	1,000 Stück	1,98
	1400016	Dichroic Bild Hemp Leaf/Hanfblatt 13x13x2	1,000 Stück	1,98

Picture	Number	Description	Price per	Price in €
	1400029	Dichroic Bild Highway 420 Sign 13x13x2 Schild Schnellstr	1,000 Stück	1,98
	1400018	Dichroic Bild Mashroom/Pilz 13x13x2	1,000 Stück	1,98
	1400030	Dichroic Bild Moon Face/Mondgesicht 13x13x2	1,000 Stück	1,98
	1400031	Dichroic Bild Mud Flap Mama/ 13x13x2	1,000 Stück	1,98
	1400032	Dichroic Bild Nefertiti Face 13x13x2 Gesicht der Nefret	1,000 Stück	1,98
	1400046	Dichroic Bild OM 13x13x2	1,000 Stück	2,92
	1400026	Dichroic Bild Oriental Character 13x13x2	1,000 Stück	1,98
	1400023	Dichroic Bild Peace Character/ 13x13x2	1,000 Stück	1,98
	1400022	Dichroic Bild Peace Sign/Friedenszeichen 13x13x2	1,000 Stück	1,98
	1400019	Dichroic Bild Radioactive Symbol 13 x13x2 Radioaktives Symbol	1,000 Stück	1,98
	1400033	Dichroic Bild Skull With Crossbones 13x13x2 Totenkopf	1,000 Stück	1,98

Picture	Number	Description	Price per	Price in €
	1400015	Dichroic Bild Skunk/Stinktief 13x13x2	1,000 Stück	1,98
	1400028	Dichroic Bild Starburst/ 13x13x2	1,000 Stück	1,98
	1400024	Dichroic Bild Triangle Symbol 1 13x13x2 Dreiecksymbol	1,000 Stück	1,98
	1400025	Dichroic Bild Triangle Symbol 2 13x13x2 Dreiecksymbol 2	1,000 Stück	1,98
	1400011	Dichroic Bild Turtle/Schildkröte 13x13x2	1,000 Stück	1,98
	1400021	Dichroic Bild Ying Yang With Paw Prints 13x13x2	1,000 Stück	1,98
	1400042	Dichroic Bild Zodiac Sign Aquarius 13x13x2 Sternzeichen Wassermann	1,000 Stück	1,98
	1400043	Dichroic Bild Zodiac Sign Aries 13x13x2 Sternzeichen Widder	1,000 Stück	1,98
	1400035	Dichroic Bild Zodiac Sign Cancer 13x13x2 Sternzeichen Krebs	1,000 Stück	1,98
	1400044	Dichroic Bild Zodiac Sign Capricorn 13x13x2 Sternzeichen Steinbock	1,000 Stück	1,98
	1400045	Dichroic Bild Zodiac Sign Gemini 13x13x2 Sternzeichen Zwillinge	1,000 Stück	1,98

Picture	Number	Description	Price per	Price in €
	1400034	Dichroic Bild Zodiac Sign Leo 13x13x2 Sternzeichen Löwe	1,000 Stück	1,98
	1400036	Dichroic Bild Zodiac Sign Libra 13x13x2 Sternzeichen Waage	1,000 Stück	1,98
	1400037	Dichroic Bild Zodiac Sign Pisces 13x13x2 Sternzeichen Fische	1,000 Stück	1,98
	1400038	Dichroic Bild Zodiac Sign Sagittarius 13x13x2 Sternzeichen Schütze	1,000 Stück	1,98
	1400039	Dichroic Bild Zodiac Sign Scorpio 13x13x2 Sternzeichen Skorpion	1,000 Stück	1,98
	1400040	Dichroic Bild Zodiac Sign Taurus 13x13x2 Sternzeichen Stier	1,000 Stück	1,98
	1400041	Dichroic Bild Zodiac Sign Virgo 13x13x2 Sternzeichen Jungfrau	1,000 Stück	1,98
	1300023	Dichroic Platte Black cherry/Dunkel kirschrot ca. 200x25x2mm	1,000 Stück	12,64
	1300020	Dichroic Platte Blue/Gold-Blau/Gold ca. 200x25x2mm	1,000 Stück	12,64
	1300018	Dichroic Platte Candy apple red/Apfelrot ca. 200x25x2mm	1,000 Stück	12,64
	1300019	Dichroic Platte Cyan/Copper- Cyan/Kupfer ca. 200x25x2mm	1,000 Stück	12,64

Picture	Number	Description	Price per	Price in €
	1300017	Dichroic Platte Cyan/Dark dark red- Cyan/Extra dunk ca. 200x25x2mm	1,000 Stück	12,64
	1300016	Dichroic Platte Cyan/Dark Red- Cyan/Dunkelrot ca. 200x25x2mm	1,000 Stück	12,64
	1300015	Dichroic Platte Cyan/Red-Cyan/Rot ca. 200x25x2mm	1,000 Stück	12,64
	1300022	Dichroic Platte Emerald/Smaragdgrün ca. 200x25x2mm	1,000 Stück	12,64
	1300028	Dichroic Platte Honeycomb 1 Rainbow pattern, ca. 200x25x2mm	1,000 Stück	13,84
	1300021	Dichroic Platte Magenta/Green-rot/Grün ca. 200x25x2mm	1,000 Stück	15,44
	1300012	Dichroic Platte Pink/Teal-Rosa/Teal ca. 200x25x2mm	1,000 Stück	12,64
	1300024	Dichroic Platte Rainbow 1- Regenbogen 1 ca. 200x25x2mm	1,000 Stück	12,64
	1300029	Dichroic Platte red/silver blue ca. 200x25x2mm	1,000 Stück	15,44
	1300014	Dichroic Platte Salmon/Lachsfarben ca. 200x25x2mm	1,000 Stück	12,64
	1300025	Dichroic Platte Square 0.5 Rainbow pattern, ca. 200x25x2mm	1,000 Stück	13,84

Picture	Number	Description	Price per	Price in €
	1300026	Dichroic Platte Square 1 Rainbow pattern, ca. 200x25x2mm	1,000 Stück	13,84
	1300027	Dichroic Platte Square 2 Rainbow pattern, ca. 200x25x2mm	1,000 Stück	13,84
	1300011	Dichroic Platte Yellow/Blue-Gelb/Blau ca. 200x25x2mm	1,000 Stück	12,64
	1300013	Dichroic Platte Yellow/Purple- Gelb/Purpur ca. 200x25x2mm	1,000 Stück	12,64
	1300010	Dichroic Platte Yellow/Violet-Gelb/Violett ca. 200x25x2mm	1,000 Stück	12,64

General Terms of Business

- Terms of payment: Prepayment
- **Discount on total quantity:**

5 pcs	5,0 %,
10 pcs	10,0 %,
15 pcs	15,0 %,

- All prices are understood excluding insurance, VAT, packaging and transportation
- Costs for packing and transportation will be charged on a self-cost basis.
- Free delivery within Germany/German border above a total net amount of 400€
- Only our terms of delivery apply.

Subject to change without prior notice, errors reserved!

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