



Simply Excellent.

Become a Quality Mark Holder in the Gütegemeinschaft Flachglas! (Flat Glass Quality Association)



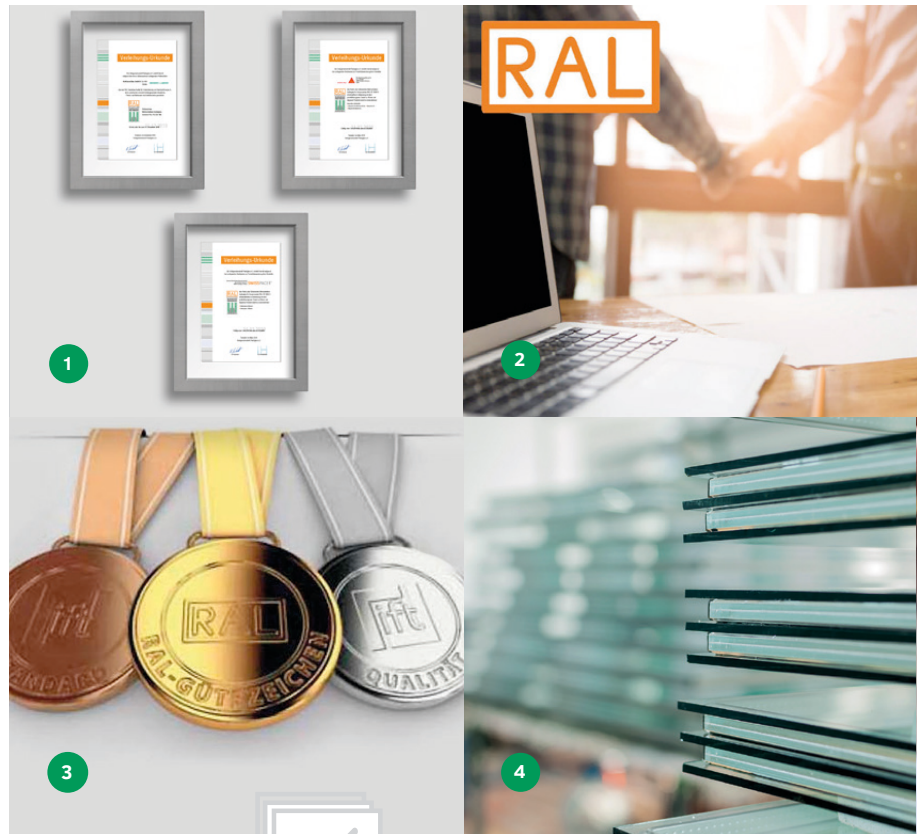
What are the advantages of the RAL Quality Mark insulating glass units for you as a **producer of insulating glass?**

1. With the RAL Quality Mark, you can show your customers that you sell **proven quality**. This strengthens your customers' and end users' confidence in your products. We renew the **Quality Certificate** every year.

2. You can use the RAL Quality Mark in **advertising**. This underlines your image as a quality supplier and makes you stand out from the competition.

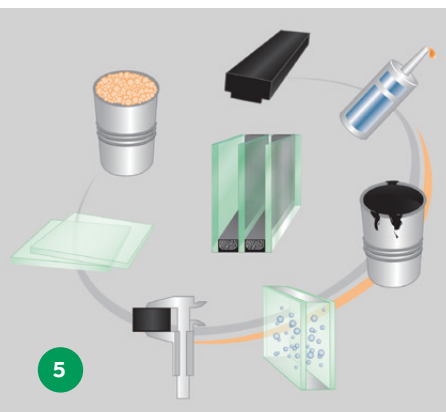
3. With the RAL Quality Mark you benefit from joint measures of the umbrella organization RAL Deutsches Institut für Gütesicherung e. V. aimed at raising **the profile of the RAL brand**.

4. You can supply manufacturers of windows bearing the RAL Quality Mark with the necessary quality-monitored insulating glass – **quality-monitored windows using only quality-monitored insulating glass units**.



» **Quality-monitored
insulating glass units!** «

»More
safety!«



5. You get greater assurance about the components that you use in your production – due to our additional external quality monitoring of spacers, desiccants and sealant materials – **quality-monitored insulating glass units using only quality-monitored components!** The samples are taken from the insulating glass manufacturers. **Controlling components in the market** in this way is unique.

6. Coated glass is externally monitored by the institutes according to separate specifications of the Gütegemeinschaft Flachglas. This gives you tighter tolerances for the emissivity than the standard requires – **greater reliability of the U-value.**

7. External monitoring gives you **certainty about your production** and reduces your error costs – we work with the MPA Darmstadt, KIWA Magdeburg and ift Rosenheim institutes.

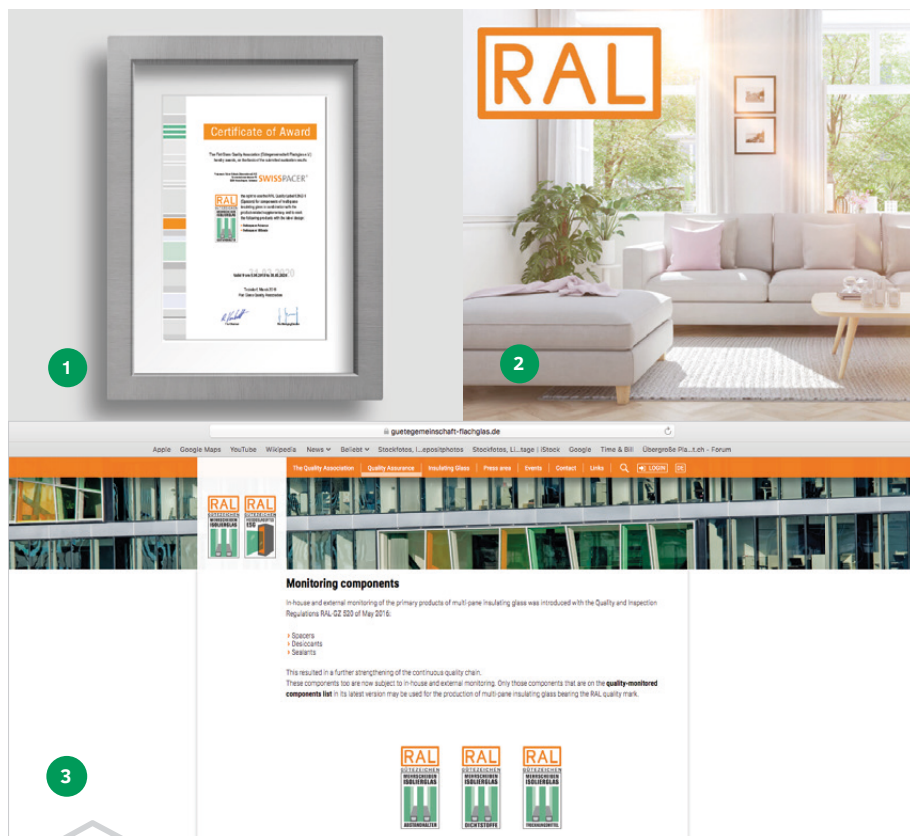
8. External monitoring helps to **continuously improve your products** and constantly increase the **qualification of your employees.**

What are the advantages of the RAL Quality Mark insulating glass units for you as a **producer of components**?

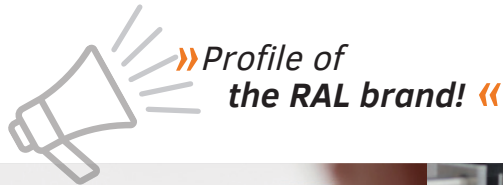
1. With the RAL Quality Mark, you can show your customers that you sell **proven quality**. We renew the **Quality Certificate** every year.

2. You can use the RAL Quality Mark – provided with the supplement „Dichtstoffe“, „Abstandhalter“ bzw. „Trocknungsmittel“ (sealants, spacers, desiccants) in **advertising**. This underlines your image as a quality supplier and makes you stand out from the competition.

3. You can supply manufacturers of insulating glass bearing the RAL Quality Mark with the necessary quality-monitored components. The **list of quality-monitored components** is continuously updated on the homepage of the Gütegemeinschaft Flachglas. Components that are not on this list **may not be used** for insulating glass with the RAL Quality Mark!



»More
safety!«



»Profile of
the RAL brand! «



4. With the RAL Quality Mark for components, you benefit from joint measures of the umbrella organization RAL Deutsches Institut für Gütesicherung e. V. aimed at raising the **profile of the RAL brand**.

5. By taking samples in the market, i.e. at the insulating glass production sites, you gain additional certainty that your customers are processing your products correctly.

6. In addition to the MPA Darmstadt, KIWA Magdeburg and ift Rosenheim institutes, which also carry out third-party monitoring of the insulating glass manufacturers, **other accredited institutes** are also allowed to undertake external monitoring of the components.

7. Evidence already available **from another certification system** (e.g. CEKAL) is recognized by the Gütegemeinschaft Flachglas if the supervising institute confirms equivalence.

What are the advantages of the RAL Quality Mark heat soaked thermally toughened safety glass for you as a **producer of toughened safety glass?**

» Desired level
of safety! «

1. With the RAL Quality Mark, you can show your customers that you sell **proven quality**. We renew the **Quality Certificate** every year.
2. You can use the RAL Quality Mark in **advertising**. This underlines your image as a quality supplier and makes you stand out from the competition.
3. With the RAL Quality Mark for TSG with heat-soak test you benefit from joint measures of the umbrella organization RAL Deutsches Institut für Gütesicherung e. V. aimed at raising the **profile of the RAL brand**.
4. In Germany, according to DIN 18008 and to the Muster-Verwaltungsvorschrift Technische Baubestimmungen MVV TB (model administrative regulation Technical Building Regulations), both draft standard May 2019, the use of TSG with heat-soak test **installed above 4 m height** is only permitted without restrictions if **external monitoring** of the production ensures the required level of safety. The RAL quality mark ESG-HF meets these requirements.





5. According to the well-known judgment of the European Court of Justice, German Building Authorities can no longer stipulate additional requirements beyond harmonized product standards in what is known as the “Bauregelliste” (Construction Products List). The industry solution provided by Gütegemeinschaft Flachglas proves, that the **desired level of safety** is nevertheless maintained. This is reassuring for the Building Authorities – and for your customers!



6. External monitoring provides you with **assurance about your production** and reduces your error costs – we work with the same institutes that have already carried out the external monitoring of TSG with heat-soak test under the Construction Products List: Friedmann & Kirchner GmbH, ift Rosenheim, Kiwa GmbH, Laboratory for Steel and Light Metal Construction at the University of Applied Sciences Munich and MPA Darmstadt.



7. External monitoring helps to **continuously improve your products** and constantly increase the **qualification of your employees**.

Why should you support **Gütegemeinschaft Flachglas** with your **membership**?

1. We set **quality standards!**

2. Together, the members of the Gütegemeinschaft Flachglas e.V. are a **strong community**.

3. We are the recognized platform for all questions regarding **product quality and usability**.

4. We take care of all quality issues involving **insulating glass and its components**.



» A strong community! «



5. We lay the foundations for ensuring that **TSG in buildings** can continue to be used without restrictions.



6. Our **Quality Committees** are elected by the General Meeting and represent the neutral external monitoring by the institutes. Together with the **competently staffed head office** they monitor the requirements for carrying the Quality Mark.

7. We work with other **RAL Quality Associations involved with windows** - for an integrated quality chain!



*»Elected
Quality Committees!«*

Become a Quality Mark Holder!

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www.guetegemeinschaft-flachglas.de

Contacts for external monitoring:

For the implementation of external monitoring, the named institutes are your contractual partners. Please contact them directly for further information about conditions.

Costs:

Annual membership fee per quality mark **€ 1,807.00**

One-time admission fee per member, for all quality marks **€ 681.00**

Status 2019.

By resolution of the general meeting, the fees increase by 3 %, annually, rounded down to a full Euro.



**Gütegemeinschaft
Flachglas**

ta-werbeagentur.de 10.2019

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