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**One material.
A thousand
ideas.**





MKM

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MKM – we actually do something.

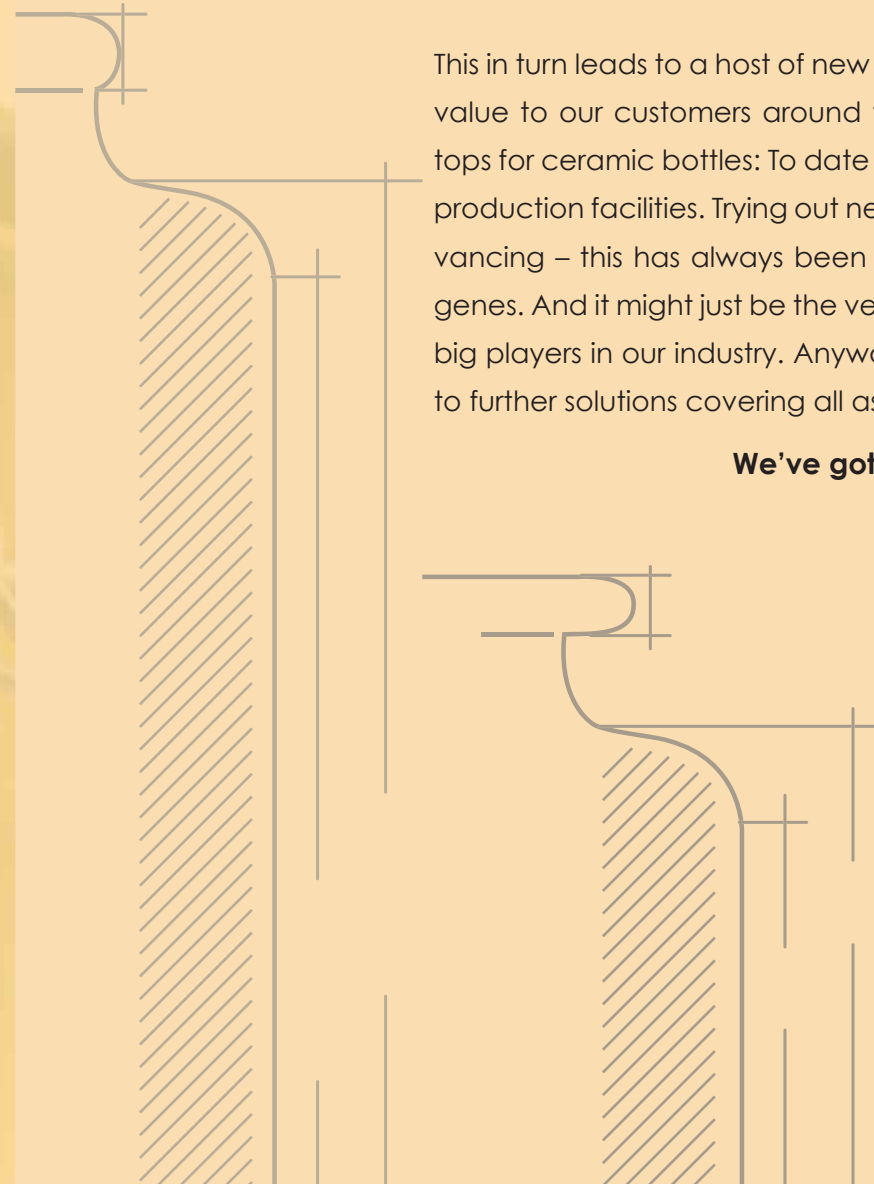


Since 1963 MKM has been using clay from the Westerwald – a material with an excellent reputation thanks to its high quality and pureness. We use this clay to make ceramic bottles and jars for the food and beverage industry. We are just as passionate about the material as our predecessors were - the famous pot-bakers from the Westerwald – now being able to use the process know-how and the production methods of the 21st century.

We believe in manufacturing in Germany, where we can find the expertise and experience and the staff for our ongoing research and development work. It is here where we get inspired and where new impulses emerge for our self-developed manufacturing facilities and groundbreaking raw material processes, which have made us the worldwide most advanced manufacturer of original stoneware packaging materials.

This in turn leads to a host of new ideas generating significant added value to our customers around the world. Take for example screw tops for ceramic bottles: To date we are the only company with bulk production facilities. Trying out new things, redeveloping, testing, advancing – this has always been our tradition – it actually lies in our genes. And it might just be the very fact that distinguishes us from the big players in our industry. Anyway, our customers can look forward to further solutions covering all aspects of ceramic packaging.

We've got something in mind...



Company

The business and products at a glance.

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Founded MKM GmbH & Co. KG
in 1963 by Wolfgang Krüger

Managing Director Jochen Krüger

Manufacturing facilities in Moschheim /Ww. since the company was founded in 1963.
Have been permanently upgraded and expanded ever since.

The products **Ceramic packaging made of stoneware for the food, beverage and beauty industry.**



No matter how different the contents might be: edible oil products, mustards, pastries, beers or wines: MKM has the ideal solution for packaging high quality foods. Bottles and jars made of MKM stoneware bring you a number of product advantages. They are food-safe, acid- and alkali-resistant, microwaveable; even carbonated drinks feel quite comfy in original MKM stoneware. This also applies to beauty care products with their specific requirements.

MKM-products can easily be filled and airsealed on any traditional bottling plant. A number of natural glazes – from matt to glossy – provide a variety of individual design options. All products are suitable for ceramic screen printing and can also be labelled without any problem.

Take advantage of our know-how and give your product a new, distinctive character!

We will be happy to advise you: Phone number +49 (0) 2602 9408-0

A wide selection of colours & shapes provide many different possible combinations!

Perfectly fitting screw top

Swing top or cork closure possible!



Material clay

Our clay...

All MKM products are manufactured in Germany and the raw material is found right on our doorstep. This means we don't have to go far, we are flexible and we can keep transportation costs low which is in turn beneficial to our clients. The eight world-famous clay deposits in our region formed more than 25 million years ago. The clay is characterized by its neutral light colour which makes it perfect for subsequent glazing.

Clay is fired into ceramics in different quality grades:

- Terra Cotta
red colour, fired at low temperature, fragile
- Earthenware
better quality, however not leakproof without glaze
- **Stoneware**
fired at around 1.200 C°, leakproof without glaze, keeps its shape, high strength

Porcelain which is fired at even higher temperatures is not used in the packaging industry.

We at MKM use only top quality clay which is then processed into top quality stoneware on state-of-the-art production facilities!

...and its benefits.

MKM-stoneware: Made in Germany.

Stoneware is beneficial to you and your products:

- All materials used are food-safe.
- The packaging material does not react with the filling material.
- Stoneware provides 100% light protection.
- All products have utmost dimension accuracy and strength and have been developed for automatic bottling plants.
- You can choose between different types of closures.
Bottles: Cork, screw top, swing top or crown cap
Jars: PE-latch or upper cap, cork and aluminium lids.
- There is a selection of different glazes for the outer design (abrasion-resistant as well as alkali-resistant)
 - Identification can be done by labelling or direct printing.

We can assure you long-term supply availability, even in large batches. Due to the fully automatic manufacturing processes, MKM products can offer you good value for your money and even large order quantities are no problem for us.

Want to know more? Then you should contact us.

Clay is a material that has to be experienced: See it, touch it, „grasp“ it. Have a go.



(almost) anything is possible.

Fields of application...

...as manifold as your products!

Stoneware is an amazingly versatile material. Used for food, beverages or skin care products: bottles and jars made by MKM turn a top quality product into something really special – with little effort, without any functional drawbacks and time-consuming adjustments. And the best thing is: it's not even more expensive to demonstrate this exquisite taste.

Tasty premium BEERS or delicious SPIRITS: Clay simply goes with anything.

Beer and spirits can indeed be bottled in a different way: better packaging quality, more fancy and with a more distinctive image! Clay is the ideal material for this! With their high adaptability stoneware bottles can be tailored right down to the very detail of their target group which might be the mature and more quality-conscious consumer or any young trendsetter. Stoneware lets your design imagination run free...

WINE & OIL: Comeback of a classic.

Even in ancient times the Greeks and Romans used clay vessels for storing and transporting their precious wines. A classic method of storage, which today - 2000 years later - makes a well-deserved comeback. MKM stoneware bottles give your wine or oil a new distinctive appearance – sturdy, genuine, down to "earth".

The bottle mouth is suitable to be corked up with standard, natural and plastic closures on all common equipment. MKM stoneware bottles are also glazed inside, leaving no residue after cleaning. You are free to use your bottles several times, if necessary.

SKIN CARE PRODUCTS: Optimum protection for delicate products.

However unusual it may initially sound to fill skin care products into ceramic packaging – fine sauna oils, soaps, creams and lotions appear much more stylish than in any old plastic jar - in excellent harmony with the natural product.

Be it a latch, an upper cap, a pump dispenser or cork: MKM-jars can be used in (almost) any way. They are true masters of transformation. Give it a try!



Variety

Shapes and colours *

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* this is just a small extract from our large range of shapes and colours.

MKM-Product Overview - Autumn 2010

STONEWARE BOTTLES

Article	Capacity ml	Closure types	Height mm	Dia- meter	Weight g	Pieces/ pallet	Weight/pal. approx. kgs
Standard	350	31,5 Ppr.	204	63	430	1.890	845
	500		233	69	550	1.350	775
	700		276	74	710	1.125	835
	750		286	74	720	1.125	840
	1.000		296	84	990	880	900
Standard	200	Cork	175	53	310	2.628	855
	350		200	63	415	1.890	825
	500		216	69	460	1.350	660
	700		272	74	740	1.125	870
	1.000		297	84	980	880	895
Stand	700	Cork	185	90	690	1.200	870
Antica	750	Cork	245	90	790	1.050	845
Wine	500	Cork	202	84	695	1.232	900
	700	or	248	84	820	1.056	890
	750	Swing top	259	84	895	1.056	975
Long neck	500	Cork	208	84	625	1.232	810
	750		268	84	810	1.056	890
Calvados	500	Cork	179	90	655	1.200	825
	700	or	220	90	740	1.050	815
	750	Swing top	226	90	750	1.050	825
Combi*	330	Crown cap	203	74	520	1.575	845
	500	and/or	215	84	700	1.232	900
	750	Swing top	274	84	895	880	820

* exclusively developed for beer

STONEWARE JARS

Article	Capacity ml	closure types	Height mm	Dia- meter	Weight g	Pieces/ pallet	Weight/pal approx. kgs
Click	125	Latch	70	63	136	6.300	885
	200		94	68	225	3.780	880
Standard	270	PE-latch or Cork	94	84	360	2.464	915
	370		110	84	380	2.112	835
	600		118	101	600	1.521	960
Narrow neck	270	PE-upper cap	93	84	320	2.464	800
	370		110	84	370	2.112	820
Wide neck	160	PE-upper cap	68	69	185	5.130	960
	200		92	68	220	3.780	855
	270		83	84	260	2.816	780
	370		99	84	295	2.464	780



Tightly sealed and protected.

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MKM stoneware-bottles and -jars are suited for nearly all kinds of closure types: crown caps, natural corks, synthetic corks, decorative corks, swing top bottles, natural corks + wax, crown caps + swing tops, PE latches, PE caps, aluminium lids, metallic foils

Choose from a wide selection of closures the one that meets your requirements and displays your product in the most beautiful way. Of course, we will be happy to advise you and refer you to a competent contact person. If you wish, we can show you samples of different closure types to give you an idea about how they operate and what they look like.

Feel free to contact us at **+49 (2602) 9408-0**



The colours displayed here are not relevant to the original glaze – we will be happy to send you a glaze sample.





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