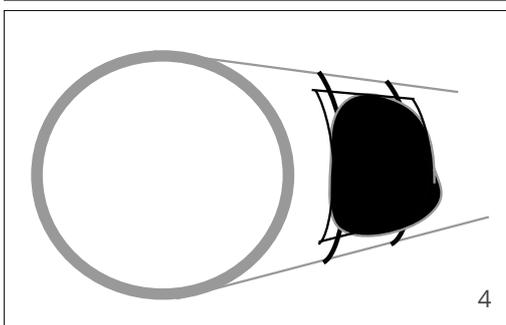
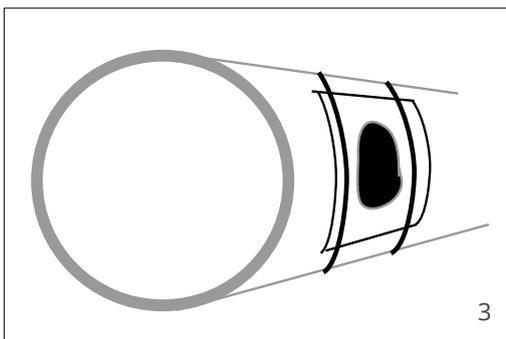
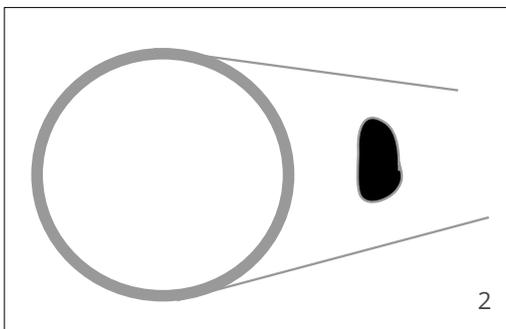
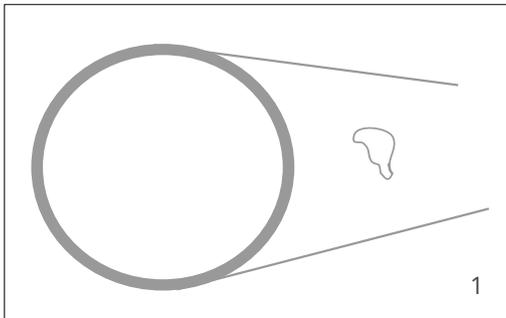


Exhaust systems - leaks

APPLICATION DATA SHEET No. 147



Cracks or leaks in exhaust systems must be repaired by using a compound with a very high temperature resistance.

Wencon Exhaust Repair Compound is a one component product, with a temperature resistance of 1300°C (2400°F), which is ideal for this type of application.

1. Grind and clean the affected and the surrounding area thoroughly acc. to Wencon surface preparation, next page.
2. Open one of the tubs containing the product (remember this is a one component). Stir it to an even consistency. Apply a suitable amount in and around the leak.
3. Cut a suitable piece of the metal mesh and fix it to the repair area using steel band or steel wires.
4. Apply second layer of the compound and leave it for initial curing for 3-4 hours, depending on temperature and humidity. When the compound has turned hard, heat it up slowly to approx. 95°C (200°F) and leave it at that temp. for 15 minutes to fully cure.

Remarks

It is important to note, that this product is designed for emergency repair of leaks.

Read Wencon MSDS before using the product.

Wencon surface preparation

Choose the relevant surface preparation, depending on the nature of the job.

Surface preparation using dry blasting methods:

Application with Wencon products on a dry surface, at minimum 3°C above dew point.

1. Blast the machine part to SA 2,5 using sharp-edged blasting media, to a roughness of min. 75 microns.
2. Leave the part for sweating out salts in a warm place for at least 12 hours or heat it up to 30 - 40°C (86-104 °F) using gas torches.
3. Blast again to SA 2,5, prior to the application.
4. For parts containing a lot of water and salt, it may be necessary to repeat point 2 and 3, until the surface remains light grey, for at least 2 hours after blasting.
5. For optimal adhesion of Wencon products, always use Wencon Bio Cleaner or Wencon Cleaner prior to application. Follow one of below two methods:
 - 5.1 **Wencon Bio Cleaner**
Wet surface: Apply Wencon Bio Cleaner and let it work for 5-10 min. If necessary use a brush, to make sure the surface is clean. Rinse off with clean water and wipe off with an absorbing cloth.

Dry surface: Apply Wencon Bio Cleaner and let it work for 5-10 min. If necessary use a brush, to make sure the surface is clean. Rinse off with clean water and dry with an absorbing cloth or with compressed air for a completely dry surface. Hereafter any Wencon products can be applied.
 - 5.2 **Wencon Cleaner**
After surface preparation, apply Wencon Cleaner with a brush and allow the product to evaporate before applying other Wencon products. Wencon Cleaner is non-flammable. Use only in large or well ventilated rooms.

Surface preparation using wet/damp methods:

Water jet the entire surface with water and sand to a standard equal, to SA 2,5 as described above.

If the surface is left wet after surface preparation, is it important to dry out the surface or alternatively use a Wencon UW product.

Surface preparation for emergency/temporary applications:

If above surface preparation methods are not possible, it may be necessary to use one of below methods:

- Blasting
- Grinding
- Needle Gunning

In emergency / temporary applications it may be difficult to prepare the surface according to above methods. In any case, it is important to clean the surface to SA 2,5 and 75 microns roughness. If possible dry the surface before applying. If not possible, use Wencon UW products.

For further information on Wencon surface preparation, please contact our Area Sales Managers.