

# FREQUENTLY ASKED QUESTIONS (FAQs)

## **MAGICRACK: The Pinnacle of Controlled Demolition Innovation**

MAGICRACK, a non-explosive expansive silent cracking agent, stands as the ultimate solution for precision in Rock Breaking, Stone Quarrying, Granite and Marble Quarrying, Mining, Concrete Demolition, Excavations, and more. It surpasses traditional methods, offering safety, environmental friendliness, and a compelling alternative to explosives.

Mixed with water and poured into pre-drilled holes on rock and concrete, MAGICRACK undergoes a transformative reaction. This reaction results in significant expansive thrust, fracturing walls, and efficiently splitting the material along the line of the drilled holes. Embrace the future of controlled demolition with MAGICRACK – safe, powerful, and environmentally conscious.

Explore the extensive technical insights on general Demolition and diverse applications of MAGICRACK by visiting our website at [www.bharatunitech.com](http://www.bharatunitech.com). Unleash the power of innovation and precision in controlled demolition.



## Here's a compilation of commonly asked questions and their corresponding answers to provide you with comprehensive information:

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**Q: What is MAGICRACK?**

A: MAGICRACK is a non-explosive demolition agent designed for controlled breaking of rock, stone, and concrete.

**Q: How does MAGICRACK work?**

A: MAGICRACK undergoes a rapid reaction, developing significant expansion pressure that efficiently splits hard materials.

**Q: Is MAGICRACK safe to use?**

A: Yes, MAGICRACK is designed with safety in mind, offering a secure alternative to traditional explosives.

**Q: Can MAGICRACK be used for both residential and industrial demolitions?**

A: Absolutely, MAGICRACK is suitable for a wide range of projects, from small-scale residential demolitions to large industrial applications.

**Q: What is the shelf life of MAGICRACK?**

A: MAGICRACK has a shelf life of at least 2 years, ensuring reliability over an extended period.

**Q: Can MAGICRACK be transported easily?**

A: Yes, MAGICRACK can be sent through Courier, Transport or by hand without any problem, simplifying transportation logistics.

**Q: How does MAGICRACK contribute to noise reduction during demolitions?**

A: MAGICRACK works practically noiselessly, minimizing noise pollution in comparison to traditional blasting methods.

**Q: Is there a specific temperature range for using MAGICRACK?**

A: MAGICRACK is effective in a temperature range from -5°C to 50°C, providing versatility for various environmental conditions.

**Q: Is there a training requirement for using MAGICRACK?**

A: No specialized training is required to use MAGICRACK, making it user-friendly and accessible.

**Q: Does MAGICRACK have any environmental certifications?**

A: MAGICRACK is formulated with environmental considerations and may comply with specific international standards.

**Q: Is there a limit to the size of structures MAGICRACK (A Non Explosive Powder) can handle?**

A: MAGICRACK is versatile and can be used for structures of various sizes, providing controlled and precise results.

**Q: What are the advantages of using MAGICRACK (A Non Explosive Powder) over conventional blasting methods?**

A: MAGICRACK provides high safety, precision, and controlled demolition without the drawbacks of noise, tremors, and flying fragments.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for emergency response demolitions?**

A: Yes, MAGICRACK can be utilized for emergency response demolitions, offering a quick and reliable solution.

**Q: How does the borehole diameter impact the performance of MAGICRACK (A Non Explosive Powder)?**

A: Larger borehole diameters result in more force, shorter reaction times, and wider cracking, enhancing overall performance.

**Q: Can MAGICRACK (A Non Explosive Powder) be applied for precision cuts in concrete for remodeling projects?**

A: Yes, MAGICRACK is suitable for precision cuts in concrete, making it valuable for remodeling and renovation projects.

**Q: How is the expansion force of MAGICRACK (A Non Explosive Powder) calculated?**

A: The expansion force of MAGICRACK is influenced by factors such as borehole diameter, spacing, and reaction time, contributing to its effectiveness.

**Q: Can MAGICRACK (A Non Explosive Powder) be used in projects with tight space constraints?**

A: Yes, MAGICRACK is adaptable to projects with limited space, offering a compact and effective solution for demolitions in confined areas.

**Q: Does MAGICRACK (A Non Explosive Powder) produce any harmful by-products during its reaction?**

A: No, MAGICRACK is designed to minimize environmental impact, producing no harmful by-products during its reaction.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for both indoor and outdoor demolitions?**

A: Yes, MAGICRACK is suitable for both indoor and outdoor applications, providing flexibility for various project settings.

**Q: How is the quantity of MAGICRACK (A Non Explosive Powder) calculated for a specific project?**

A: The quantity of MAGICRACK is calculated based on factors such as borehole depth, diameter, and the nature of the material being demolished.

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A: The quantity of MAGICRACK is calculated based on factors such as borehole depth, diameter, and the nature of the material being demolished.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for breaking up different types of rocks?**

A: Yes, MAGICRACK is effective for breaking up various types of rocks, including hard rock, stone, and concrete.

**Q: Is MAGICRACK (A Non Explosive Powder) suitable for demolitions in urban areas with noise restrictions?**

A: Yes, MAGICRACK is ideal for urban demolitions with noise restrictions as it operates practically noiselessly.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for demolitions in sensitive environments?**

A: Yes, MAGICRACK is environmentally friendly and can be used in sensitive environments without causing harm.

**Q: Does MAGICRACK (A Non Explosive Powder) require any special infrastructure for application?**

A: No, MAGICRACK eliminates the need for special preconditions or infrastructure, simplifying its application.

**Q: Can MAGICRACK (A Non Explosive Powder) be used in mining operations?**

A: Yes, MAGICRACK is suitable for mining operations, providing a safe and controlled solution for breaking up rocks.

**Q: Does MAGICRACK (A Non Explosive Powder) require any specific equipment for application?**

A: MAGICRACK can be applied with standard drilling equipment, eliminating the need for specialized tools.

**Q: Can MAGICRACK (A Non Explosive Powder) be applied for precision cutting in natural stone processing?**

A: Yes, MAGICRACK is suitable for precision cutting in natural stone processing, ensuring controlled results.

**Q: Is MAGICRACK (A Non Explosive Powder) subject to any international standards or certifications?**

A: MAGICRACK may comply with specific international standards and certifications. For detailed information, please contact our customer support team.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for demolitions near existing structures without causing damage?**

A: Yes, MAGICRACK's controlled nature allows for demolitions near existing structures

**Q: Can MAGICRACK (A Non Explosive Powder) be used for underwater demolitions in saltwater environments?**

A: Yes, MAGICRACK is effective for underwater demolitions, even in saltwater environments, showcasing its versatility.

**Q: How does MAGICRACK (A Non Explosive Powder) contribute to the reduction of ground vibrations during demolitions?**

A: MAGICRACK's tremor-free nature eliminates the need for additional measurements to mitigate ground vibrations, ensuring a stable environment.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for breaking up ferroconcrete structures?**

A: Absolutely, MAGICRACK is designed to break up ferroconcrete structures efficiently, offering a controlled and targeted solution.

**Q: Does MAGICRACK (A Non Explosive Powder) produce any toxic fumes or emissions during its reaction?**

A: No, MAGICRACK is formulated to be environmentally friendly, producing no toxic fumes or emissions during its reaction.

**Q: Is there a specific angle recommendation for drilling boreholes when using MAGICRACK (A Non Explosive Powder)**

A: For optimal effectiveness, drilling boreholes somewhat obliquely is recommended, ensuring the force is exerted in the desired direction.

**Q: Can MAGICRACK (A Non Explosive Powder) be applied for seismic retrofitting projects?**

A: Yes, MAGICRACK is suitable for seismic retrofitting, providing a controlled and precise solution for strengthening structures.

**Q: Is there a recommended method for creating space in scenarios where material displacement is challenging?**

A: Yes, opposing boreholes at an angle of 35-60° or on one side at an angle of 45-60° is recommended to create space effectively.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for breaking up materials in excavation projects?**

A: Yes, MAGICRACK is ideal for excavation projects, breaking up materials efficiently for easy removal.

**Q: Can MAGICRACK (A Non Explosive Powder) be applied for breaking up hard substrates during mining operations?**

A: Absolutely, MAGICRACK is highly effective in breaking up hard substrates encountered in mining operations.

**Q: How does MAGICRACK (A Non Explosive Powder) compare to traditional blasting agents in terms of safety?**

A: MAGICRACK offers very high safety compared to traditional blasting methods, minimizing risks associated with shockwaves and flying debris.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for breaking up materials below ground level, such as in cellars?**

A: Yes, angled boreholes with MAGICRACK are suitable for achieving large-scale lowering of the ground level, including in cellars.

**Q: Is there any specific guidance on the spacing of boreholes for different applications of MAGICRACK (A Non Explosive Powder)?**

A: Yes, the spacing of boreholes impacts fragment size and reaction time. Shorter spacing results in smaller fragments and a shorter reaction time.

**Q: Can MAGICRACK (A Non Explosive Powder) be used for breaking up materials in quarries, similar to OTHERS?**

A: Absolutely, MAGICRACK is gaining importance in quarries due to constraints on explosive blasting agents, providing a viable alternative.

**Q: Are there any regulatory requirements for using MAGICRACK (A Non Explosive Powder), such as obtaining a demolition license?**

A: No, MAGICRACK eliminates the need for a demolition license, making it a more straightforward and accessible solution.

**Q: Can MAGICRACK (A Non Explosive Powder) be applied for separating or splitting objects with precision?**

A: Yes, the separating or splitting technique involves drilling holes with short spacing, allowing for relatively precise object separation.

**Q: Can MAGICRACK (A Non Explosive Powder) be applied for creating space in challenging excavation scenarios?**

A: Yes, MAGICRACK provides a solution for creating space by opposing boreholes at specific angles, facilitating material displacement.

**Q: Is MAGICRACK (A Non Explosive Powder) suitable for use in various geological conditions and materials?**

A: Yes, MAGICRACK is versatile and effective in various geological conditions, making it suitable for a wide range of materials.

**Q: Can MAGICRACK (A Non Explosive Powder) be applied for precision excavation in archaeological projects?**

A: Yes, MAGICRACK's controlled nature makes it suitable for precision excavation in archaeological projects.

**Q: Can MAGICRACK (A Non Explosive Powder) be transported internationally without restrictions?**

A: Yes, MAGICRACK can be shipped internationally without issues, facilitating its use in global projects.

**Q: Can MAGICRACK (A Non Explosive Powder) be used in emergency situations where swift demolitions are required?**

A: Yes, MAGICRACK is suitable for emergency response demolitions, providing a quick and controlled solution.